

WEG

Automation

Catalog

Motors

Automation

Energy

Transmission & Distribution

Soft Starters



Register to keep
your catalog
up-to-date



Driving efficiency and sustainability



US300.07.2024

SOLID STATE SOFT STARTER PRODUCTS

SSW05 – LV Reduced Voltage Soft Starter: 10 - 85 Amps

Overview	10
Catalog Number Sequence	11
Product Selection and Pricing	12
Options and Accessories	12
Technical Data	13

SSW07 – LV Reduced Voltage Soft Starter: 17 - 412 Amps

Overview	14
Catalog Number Sequence	15
Product Selection and Pricing	16
Options and Accessories	18
Technical Data	20

SSW900 – LV Reduced Voltage Soft Starter: 10 - 1400 Amps

Overview	22
Catalog Number Sequence	23
Product Selection and Pricing	24
Options and Accessories	27
Dimensions.....	30
Technical Data	31

SSW7000 – MV Reduced Voltage Soft Starter: 125 - 360 Amps

Overview	34
Catalog Number Sequence	35
Product Selection and Pricing	35
Options and Accessories	36
Dimensions.....	36
Special Features/Advantages	38
Technical Data	39

ENCLOSED SOFT STARTER PRODUCTS

GPH2 Enclosed Soft Starter Panels

Overview	40
Catalog Number Sequence	41
Product Selection and Pricing	42
Dimensions.....	46

APS9 – All Purpose Soft Starter Panels

Overview	48
Catalog Number Sequence	49
Product Selection and Pricing	50
Accessories	50
Dimensions.....	51
Optional Accessories – Leg Kits	52

DIGITAL SOLUTION PRODUCTS

Motion Fleet Management

Overview	54
Product Selection and Pricing	56

WEG DRIVES REPLACEMENT GUIDE

SSW06 Replacement Guide

Choose model to replace old SSW06	58
---	----

WARRANTY POLICY FOR WEG AUTOMATION PRODUCTS

Limited Warranty

WEG provides a limited warranty on our Variable Frequency Drives and Soft Starters, Power and Motor Control Products, and Custom and Standard enclosure solutions against defects in materials and workmanship for 12 months after installation, not to exceed 18 months from the invoice date, provided WEG is given notice of the defect within 60 days of failure, but in no event later than the expiration of the warranty period. The warranty shall not apply to Fuses and other components in which the useful life in normal use is shorter than the warranty period. If a product date code is within its stated warranty period, no proof of date of purchase is required. Otherwise, a copy of the invoice is necessary to show the date of the invoice. Purchases of WEG products from unauthorized dealers or distributors void warranty coverage. WEG's authorized dealers and distributors are listed on our website at www.weg.net.

No-Fault Warranty Procedure

WEG LV Variable Speed Drives product families' CFWs, Soft Starters product families' SSWs, and Power and Motor Control Products (listed in chart, below) are covered under a "No-Fault" warranty procedure. This permits each covered product to be returned and replaced once if the customer believes it has a defect. You will need to submit the following within 60 days of failure to the WEG Automation Service Department to process a "No-Fault" warranty claim:

- Picture of the label with serial number information from the failed product
- Copy of the original WEG invoice or invoice number for the failed product
- Brief description of the failure for quality control purposes

LV Variable Speed Drives and Soft Starters

Product	Product Reference	Size / Frame	Rated Current	Power Voltage	Protection degree
Variable Speed Drives	CFW08		All		
	CFW100 G2		All		
	CFW100		All		
	CFW300		All		
	CFW320		All		
	CFW500 G1	A/B/C/D		200-240V	
		A/B/C		380-480V	
		D		380-480V	
		C		500-600V	
	CFW500 G2	A/B/C/D		200-240V	
		A/B/C/D		380-480V	
		C		500-600V	
			<=24A	200-240V	IP66
			<=16A	380-480V	IP66
		A		200-240V	IP66
		A		380-480V	IP66
			<=07A	500-600V	IP66
		A/B/C/D		200-240V	
		A/B/C		380-480V	
	CFW11		<=16A	200-240V	
			<=13A	380-480V	
			<=10	200-240V	IP55
			<=5A	380-480V	IP55
Soft Starters	CFW900	A		200-480V	
	SSW05		All		
	SSW07		<=85A	220-575V	
	SSW06		<=130A	220-575V	
			<=85A	575-690V	
	SSW900		<=61A	220-575V	

Power and Motor Control Products

Product	Product Reference	Covered Products
Circuit Breakers and Disconnects	DWB, UBW, UMBW, MSW, MSWB	Limited to \$100 value
Contactors, Motor Protectors, Relays	MPW, CWC, CWB, CWBN, CWBS, CWM, RW, RTW, RPW, RNW, SSW01	
Starters	ESW, PESW	
	ESWC, ESWE, ESWE, ESWX	
Operator Devices and Terminal Blocks	CSW, BTW	
Capacitors	UCWT, BCW	

WARRANTY POLICY FOR WEG AUTOMATION PRODUCTS

Optimal Match Warranty

WEG Optimal Match Warranty is a 36-month warranty when a WEG motor is applied with a WEG drive or soft starter. To qualify for this warranty, the products must be registered at <https://wegconnect.net/warranty-request/> and pre-approved by WEG's warranty department. This offer is only available in the US. The following products and combinations are eligible for the Optimal Match Warranty:

- Drives and motors that are eligible for this Optimal Match Warranty are W22 motors coupled with all "CFW" drives up to 720-ND
- Soft starters and motors that are eligible for this Optimal Match Warranty are W22 motors coupled with all "SSW" soft starters up to 820A
- Medium voltage soft starters and motors that qualify for this Optimal Match Warranty are stock W22MV, W50MV, and W60MV motors coupled with SSW7000 stock soft starters.

When the drive or soft starter is invoiced on the same date as the motor, the Optimal Match Warranty will be eligible on the invoice date if the Optimal Match Warranty request is received within 180 days of purchase. When the drive or soft starter is invoiced on a different date than the motor, the following conditions apply to the Optimal Match Warranty eligibility:

- The Optimal Match Warranty will start on the first invoice date (Drive, Soft Starter, or Motor).
- The Optimal Match Warranty request must be received within 180 days from the date of the later product purchase.
- The invoice dates of both products cannot be more than 90 days apart.

Extended Warranty

WEG may, with prior written approval, provide an extended warranty to cover products beyond the standard warranty period:

- **Extended Warranty purchased with original product**
 - Available for a cost of 2.5% of the purchase price per year of coverage, up to a maximum coverage of 4 additional years. This coverage must be purchased at the time of the product purchase.
- **Extended Warranty purchased after the purchase of the original product**
 - Available for a cost of 2.5% of the purchase price per year of coverage, up to a maximum coverage of 4 additional years. A WEG service engineer must thoroughly inspect the equipment and bring the equipment up to expected standards of maintenance before the extended warranty starts. If, during the inspection, the service engineer determines that the equipment has been abused, mishandled, or misapplied, WEG may decline to extend the warranty as requested. Under such circumstances, the customer is still responsible for the service charges incurred for the inspection and maintenance.
- **Extended Warranty purchased with a certified Start-up**
 - Available for 18 additional months with the certified startup of low voltage variable speed drives and soft starters managed by the WEG Automation Service Department.



Warranty Service

If a WEG product requires warranty service due to defective materials or workmanship, WEG shall repair or replace the product. Credit is not offered. Warranty service does not extend the warranty period. Warranty coverage is applied to products that have been, at all times, properly stored, maintained, operated, and used under operating conditions for which the product was designed. WEG is not responsible for any expenses incurred in installation, removal from service, transportation (freight), or consequential expenses. THE FOREGOING REMEDIES SHALL BE THE SOLE AND EXCLUSIVE REMEDY OF THE PURCHASER.

Authorized Service Centers

WEG has service centers around the world to meet the needs of our customers. Information regarding the nearest service center can be found on our web site at <https://www.weg.net/institutional/US/en/contact/service-network> or by calling 1-800-ASK-4WEG (1-800-275-4934). Any warranty repair by a service center must be pre-approved by WEG. Service centers should not make repairs without being requested by a WEG Automation Service Department representative.

Disclaimer of Implied Warranties

THE FOREGOING WARRANTIES ARE EXCLUSIVE, AND IN LIEU OF ALL OTHER WARRANTIES OF EVERY KIND, WHETHER WRITTEN, ORAL, OR IMPLIED. WEG EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AGAINST INFRINGEMENT, OR ARISING FROM COURSE OF DEALING OR USAGE OF TRADE.

Limitation of Liability

IN NO EVENT SHALL WEG BE LIABLE FOR ANY LOST PROFITS, LOST REVENUE, LOST BUSINESS OPPORTUNITIES, OR LOST USE OR PRODUCTION OR PRODUCTIVITY, WHETHER CHARACTERIZED AS DIRECT OR CONSEQUENTIAL, INDIRECT, SPECIAL, INCIDENTAL, OR OTHERWISE. WEG SHALL NOT BE LIABLE FOR ANY OTHER CONSEQUENTIAL, INDIRECT, SPECIAL, INCIDENTAL OR PUNITIVE DAMAGES, WHETHER SIMILAR TO OR DISSIMILAR TO THE DAMAGES REFERENCED ABOVE, WHETHER SUCH LIABILITY IS BASED OR CLAIMED TO BE BASED UPON ANY NEGLIGENCE OR OTHER ACT OR OMISSION, BREACH OF CONTRACT, BREACH OF DUTY (STATUTORY OR OTHERWISE) OR DEFAULT WHATSOEVER, AND WHETHER OR NOT SUCH DAMAGES ARE FORESEEABLE, AND WHETHER OR NOT THE PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. NOTWITHSTANDING ANY PROVISION TO THE CONTRARY, WEG'S TOTAL LIABILITY FOR ALL CLAIMS OF ANY KIND, WHETHER BASED UPON CONTRACT, TORT (EXCEPT GROSS NEGLIGENCE OR INTENTIONALLY WRONGFUL ACTS), OR OTHERWISE, FOR ANY LOSS OR DAMAGE ARISING OUT OF, CONNECTED WITH, OR RESULTING FROM THE PERFORMANCE OR USE OF A PRODUCT SHALL IN NO EVENT EXCEED 100% OF THE PURCHASE PRICE ALLOCABLE TO THE PRODUCT WHICH GIVES RISE TO THE CLAIM.

WEG USA General Terms and Conditions available at www.weg.net apply to all orders.

Contact WEG Automation Service Department:

Toll-Free: 1-877-934-3748 E-Mail: automationtech@weg.net





NOTES:

Data is subject to change without notice.

HP	RPM	Frame	Voltage	Soft Starter Enclosure Rating: IP00 / IP20		Variable Frequency Drive Enclosure Rating: IP20	
				Motor Wired for 230V	Motor Wired for 460V	Motor Wired for 230V	Motor Wired for 460V
0.25	3600	56	208-230/460			CFW100A01P6S220G2	CFW500A01P0T4NB20G2
	1800	56	208-230/460			CFW100A01P6S220G2	CFW500A01P0T4NB20G2
0.33	3600	56	208-230/460			CFW100A01P6S220G2	CFW500A01P0T4NB20G2
	1800	56	208-230/460			CFW100A01P6S220G2	CFW500A01P0T4NB20G2
0.5	3600	56	208-230/460			CFW100B02P6S220G2	CFW500A01P6T4NB20G2
	1800	56	208-230/460			CFW100B02P6S220G2	CFW500A01P6T4NB20G2
	1200	56	208-230/460			CFW100B02P6S220G2	CFW500A01P6T4NB20G2
0.75	3600	56	208-230/460			CFW100C04P2S220G2	CFW500A01P6T4NB20G2
	1800	56	208-230/460			CFW100C04P2S220G2	CFW500A01P6T4NB20G2
	1200	56	208-230/460			CFW100C04P2S220G2	CFW500A01P6T4NB20G2
1	3600	56	208-230/460			CFW100C04P2S220G2	CFW500A02P6T4NB20G2
	1800	56	208-230/460			CFW100C04P2S220G2	CFW500A02P6T4NB20G2
	1800	143T	208-230/460			CFW100C04P2S220G2	CFW500A02P6T4NB20G2
	1200	56	208-230/460			CFW100C04P2S220G2	CFW500A02P6T4NB20G2
	1200	145T	208-230/460			CFW100C04P2S220G2	CFW500A02P6T4NB20G2
1.5	3600	143T	208-230/460	SSW050010T2246TPZ		CFW300A06P0T2NB20	CFW500A04P3T4NB20G2
	1800	56	208-230/460	SSW050010T2246TPZ		CFW300A06P0T2NB20	CFW500A04P3T4NB20G2
	1800	145T	208-230/460	SSW050010T2246TPZ		CFW300A06P0T2NB20	CFW500A04P3T4NB20G2
	1200	182T	208-230/460	SSW050010T2246TPZ		CFW300A06P0T2NB20	CFW500A04P3T4NB20G2
2	3600	145T	208-230/460	SSW050010T2246TPZ	SSW050010T2246TPZ	CFW300A07P3T2NB20	CFW500A04P3T4NB20G2
	1800	56	208-230/460	SSW050010T2246TPZ	SSW050010T2246TPZ	CFW300A07P3T2NB20	CFW500A04P3T4NB20G2
	1800	145T	208-230/460	SSW050010T2246TPZ	SSW050010T2246TPZ	CFW300A07P3T2NB20	CFW500A04P3T4NB20G2
	1200	184T	208-230/460	SSW050010T2246TPZ	SSW050010T2246TPZ	CFW300A07P3T2NB20	CFW500A04P3T4NB20G2
3	3600	182T	208-230/460	SSW050010T2246TPZ	SSW050010T2246TPZ	CFW500B10P0B2DB20G2	CFW500B06P5T4DB20G2
	1800	182T	208-230/460	SSW050010T2246TPZ	SSW050010T2246TPZ	CFW500B10P0B2DB20G2	CFW500B06P5T4DB20G2
	1200	213T	208-230/460	SSW050010T2246TPZ	SSW050010T2246TPZ	CFW500B10P0B2DB20G2	CFW500B06P5T4DB20G2
5	3600	184T	208-230/460	SSW050016T2246TPZ	SSW050010T2246TPZ	CFW500B16P0T2DB20G2	CFW500B10P0T4DB20G2
	1800	184T	208-230/460	SSW050016T2246TPZ	SSW050010T2246TPZ	CFW500B16P0T2DB20G2	CFW500B10P0T4DB20G2
	1200	215T	208-230/460	SSW050016T2246TPZ	SSW050010T2246TPZ	CFW500B16P0T2DB20G2	CFW500B10P0T4DB20G2
7.5	3600	213T	208-230/460	SSW050023T2246TPZ	SSW050016T2246TPZ	CFW500C24P0T2DB20G2	CFW500C14P0T4DB20G2
	1800	213T	208-230/460	SSW050023T2246TPZ	SSW050016T2246TPZ	CFW500C24P0T2DB20G2	CFW500C14P0T4DB20G2
	1200	254T	208-230/460	SSW050023T2246TPZ	SSW050016T2246TPZ	CFW500C24P0T2DB20G2	CFW500C14P0T4DB20G2
10	3600	215T	208-230/460	SSW050030T2246TPZ	SSW050016T2246TPZ	CFW500D28P0T2DB20G2	CFW500C16P0T4DB20G2
	1800	215T	208-230/460	SSW050030T2246TPZ	SSW050016T2246TPZ	CFW500D28P0T2DB20G2	CFW500C16P0T4DB20G2
	1200	256T	208-230/460	SSW050030T2246TPZ	SSW050016T2246TPZ	CFW500D28P0T2DB20G2	CFW500C16P0T4DB20G2
15	3600	254T	208-230/460	SSW050045T2246TPZ	SSW050023T2246TPZ	CFW500D47P0T2DB20G2	CFW500D24P0T4DB20G2
	1800	254T	208-230/460	SSW050045T2246TPZ	SSW050023T2246TPZ	CFW500D47P0T2DB20G2	CFW500D24P0T4DB20G2
	1200	284T	208-230/460	SSW050045T2246TPZ	SSW050023T2246TPZ	CFW500D47P0T2DB20G2	CFW500D24P0T4DB20G2
20	3600	256T	208-230/460	SSW050060T2246TPZ	SSW050030T2246TPZ	CFW500E56P0T2DB20G2	CFW500D31P0T4DB20G2
	1800	256T	208-230/460	SSW050060T2246TPZ	SSW050030T2246TPZ	CFW500E56P0T2DB20G2	CFW500D31P0T4DB20G2
	1200	286T	208-230/460	SSW050060T2246TPZ	SSW050030T2246TPZ	CFW500E56P0T2DB20G2	CFW500D31P0T4DB20G2

HP	RPM	Frame	Voltage	Soft Starter Enclosure Rating: IP00 / IP20		Variable Frequency Drive Enclosure Rating: IP20	
				Motor Wired for 230V	Motor Wired for 460V	Motor Wired for 230V	Motor Wired for 460V
25	3600	284TS	208-230/460	SSW050085T2246TPZ	SSW050045T2246TPZ	CFW500F77P0T2DB20G2	CFW500E39P0T4DB20G2
	1800	284T	208-230/460	SSW050085T2246TPZ	SSW050045T2246TPZ	CFW500F77P0T2DB20G2	CFW500E39P0T4DB20G2
	1200	324T	208-230/460	SSW050085T2246TPZ	SSW050045T2246TPZ	CFW500F77P0T2DB20G2	CFW500E39P0T4DB20G2
30	3600	286TS	208-230/460	SSW050085T2246TPZ	SSW050045T2246TPZ	CFW500F88P0T2DB20G2	CFW500E49P0T4DB20G2
	1800	286T	208-230/460	SSW050085T2246TPZ	SSW050045T2246TPZ	CFW500F88P0T2DB20G2	CFW500E49P0T4DB20G2
	1200	326T	208-230/460	SSW050085T2246TPZ	SSW050045T2246TPZ	CFW500F88P0T2DB20G2	CFW500E49P0T4DB20G2
40	3600	324TS	208-230/460	SSW070130T5SZ	SSW050060T2246TPZ	CFW500F0105T2DB20G2	CFW500E49P0T4DB20G2 ¹
	1800	324T	208-230/460	SSW070130T5SZ	SSW050060T2246TPZ	CFW500F0105T2DB20G2	CFW500E49P0T4DB20G2 ¹
	1200	364T	208-230/460	SSW070130T5SZ	SSW050060T2246TPZ	CFW500F0105T2DB20G2	CFW500E49P0T4DB20G2 ¹
50	3600	326TS	208-230/460	SSW070130T5SZ	SSW050085T2246TPZ	CFW500G0145T2NB20G2	CFW500F77P0T4DB20G2
	1800	326T	208-230/460	SSW070130T5SZ	SSW050085T2246TPZ	CFW500G0145T2NB20G2	CFW500F77P0T4DB20G2
	1200	365T	208-230/460	SSW070130T5SZ	SSW050085T2246TPZ	CFW500G0145T2NB20G2	CFW500F77P0T4DB20G2
60	3600	364TS	208-230/460	SSW070171T5SZ	SSW050085T2246TPZ	CFW500G0180T2NB20G2	CFW500F88P0T4DB20G2
	1800	364T	208-230/460	SSW070171T5SZ	SSW050085T2246TPZ	CFW500G0180T2NB20G2	CFW500F88P0T4DB20G2
	1200	404T	208-230/460	SSW070171T5SZ	SSW050085T2246TPZ	CFW500G0180T2NB20G2	CFW500F88P0T4DB20G2
75	3600	365TS	208-230/460	SSW070200T5SZ	SSW070130T5SZ	CFW500G0211T2NB20G2	CFW500F0105T4DB20G2
	1800	365T	208-230/460	SSW070200T5SZ	SSW070130T5SZ	CFW500G0211T2NB20G2	CFW500F0105T4DB20G2
	1200	405T	208-230/460	SSW070200T5SZ	SSW070130T5SZ	CFW500G0211T2NB20G2	CFW500F0105T4DB20G2
100	3600	405TS	208-230/460	SSW070255T5SH1Z	SSW070130T5SZ		CFW500G0142T4NB20G2
	1800	405T	208-230/460	SSW070255T5SH1Z	SSW070130T5SZ		CFW500G0142T4NB20G2
	1200	444T	208-230/460	SSW070255T5SH1Z	SSW070130T5SZ		CFW500G0142T4NB20G2
125	3600	444TS	460	SSW070312T5SH1Z	SSW070171T5SZ		CFW500G0180T4NB20G2
	1800	444T	460	SSW070312T5SH1Z	SSW070171T5SZ		CFW500G0180T4NB20G2
	1200	445T	460	SSW070312T5SH1Z	SSW070171T5SZ		CFW500G0180T4NB20G2
150	3600	445TS	460	SSW070365T5SH1Z	SSW070200T5SZ		CFW500G0211T4NB20G2
	1800	445T	460	SSW070365T5SH1Z	SSW070200T5SZ		CFW500G0211T4NB20G2
	1200	447T	460	SSW070365T5SH1Z	SSW070200T5SZ		CFW500G0211T4NB20G2
200	3600	447TS	460		SSW070255T5SH1Z		CFW110242T4SZ
	1800	447T	460		SSW070255T5SH1Z		CFW110242T4SZ
	1200	447T	460		SSW070255T5SH1Z		CFW110242T4SZ
250	3600	447TS	460		SSW070312T5SH1Z		CFW110312T4SZ
	1800	447T	460		SSW070312T5SH1Z		CFW110312T4SZ
	1200	449T	460		SSW070312T5SH1Z		CFW110312T4SZ
300	3600	449TS	460		SSW070365T5SH1Z		CFW110370T4SZ
	1800	449T	460		SSW070365T5SH1Z		CFW110370T4SZ
	1200	449T	460		SSW070365T5SH1Z		CFW110370T4SZ

NOTES:

1) CFW500 drives must have FM V3.70 or higher. Max. ambient temperature 40°C.

SSW05 – Reduced Voltage Soft Starter

The WEG SSW05 Soft Starter is a super compact fully digital soft starter with a state-of-the-art DSP controller. Its digital construction provides optimum operation, diagnostics capability and full motor protection. Simplicity in set-up and operation is assured since all parameters and set-up selections are made via dip switches and potentiometers. Status LED's alert the user of the operational status of the SSW05. Simplicity, ease of set-up, and the small panel assures quick and easy installation and operation.

Standard Features

- 208 - 480V, 50/60Hz input power supply
- Duty cycle: 300% rated current during 10 seconds, 4 starts per hour
- Built-in by-pass contactor
- One digital input for Start/Stop (90 - 250 Vac)
- One digital input for Fault Reset (90 - 250 Vac)
- One relay output for Run indication (1 Amp - 250V)
- One relay output for Full Voltage indication (1 Amp - 250V)
- RS-232 serial port
- Adjustable acceleration and deceleration ramps (1 - 20 seconds)
- For high inertia loads, see SSW07 product line.
- Adjustable pedestal voltage (30 - 80% of line voltage)
- Protective features: Motor overload, over current and locked rotor, SCR overload, phase loss and phase sequence
- DIN rail or direct mount
- Ambient: 32°F (0°C) to 131°F (55°C), 3300ft (1000m) altitude, 90% non-condensing humidity
- SuperDrive compatible
- Remote Keypad (optional)



Applications

- Pumps
- Fans
- Blowers
- Compressors



SSW05 Catalog Number Sequence

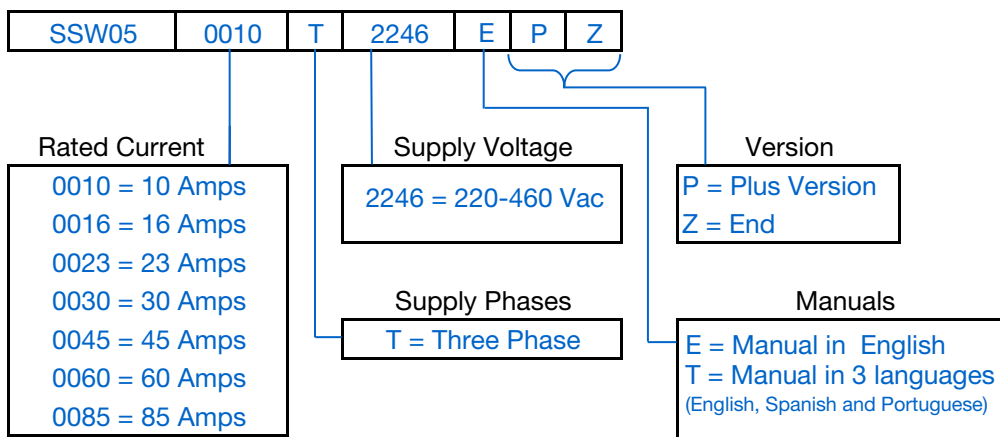


Table intended as reference only and not to create part numbers.

SSW05

Protected Chassis Enclosure

Motor Voltage	Motor HP ¹	Starter Amps ²	Current Catalog (Old Catalog Number)	Frame Size	Dimensions (in.) HxWxD	Approx. Weight (lbs.)	List Price	Multiplier New (Old)
230 Vac	Input Power Supply: Three-Phase 230 Vac							
	3	10	SSW050010T2246TPZ (SSW050010T2246EPZ)	1	5.1 x 2.3 x 5.7	3	\$531	E15 (E1)
	5	16	SSW050016T2246TPZ (SSW050016T2246EPZ)	1	5.1 x 2.3 x 5.7	3	\$603	E15 (E1)
	7.5	23	SSW050023T2246TPZ (SSW050023T2246EPZ)	1	5.1 x 2.3 x 5.7	3	\$694	E15 (E1)
	10	30	SSW050030T2246TPZ (SSW050030T2246EPZ)	1	5.1 x 2.3 x 5.7	3	\$754	E15 (E1)
	15	45	SSW050045T2246TPZ (SSW050045T2246EPZ)	2	7.3 x 3.1 x 6.8	6	\$943	E15 (E1)
	25	60	SSW050060T2246TPZ (SSW050060T2246EPZ)	2	7.3 x 3.1 x 6.8	6	\$1,135	E15 (E1)
460 Vac	30	85	SSW050085T2246TPZ (SSW050085T2246EPZ)	2	7.3 x 3.1 x 6.8	6	\$1,382	E15 (E1)
	Input Power Supply: Three-Phase 460 Vac							
	5	10	SSW050010T2246TPZ (SSW050010T2246EPZ)	1	5.1 x 2.3 x 5.7	3	\$531	E15 (E1)
	10	16	SSW050016T2246TPZ (SSW050016T2246EPZ)	1	5.1 x 2.3 x 5.7	3	\$603	E15 (E1)
	15	23	SSW050023T2246TPZ (SSW050023T2246EPZ)	1	5.1 x 2.3 x 5.7	3	\$694	E15 (E1)
	20	30	SSW050030T2246TPZ (SSW050030T2246EPZ)	1	5.1 x 2.3 x 5.7	3	\$754	E15 (E1)
	30	45	SSW050045T2246TPZ (SSW050045T2246EPZ)	2	7.3 x 3.1 x 6.8	6	\$943	E15 (E1)
	40	60	SSW050060T2246TPZ (SSW050060T2246EPZ)	2	7.3 x 3.1 x 6.8	6	\$1,135	E15 (E1)
	60 / 75	85	SSW050085T2246TPZ (SSW050085T2246EPZ)	2	7.3 x 3.1 x 6.8	6	\$1,382	E15 (E1)

NOTES:

1) "HP" rating based on FLA values from WEG W22, 2 and 4 pole, NEMA Premium motors.

2) Motor FLA may vary with speed and manufacturer. ALWAYS compare motor FLA to Nominal AMPS of the starter.

Options and Accessories

Type	Catalog Number	Description	Approx. Weight (lbs)	List Price	Multiplier New (Old)
Remote Keypad	SSW05-HMI-RS	Remote Keypad with LED Display	1.1	\$120	E15 (E1)
Remote Cable	CAB-RS-1	3.3 ft (1 meter) Remote Keypad Cable	0.5	\$23	E17 (V1)
	CAB-RS-2	6.6 ft (2 meter) Remote Keypad Cable	0.7	\$31	E17 (V1)
	SSW05-07-08-CRS-3M	9.9 ft (3 meter) Remote Keypad Cable	1.0	\$41	E17 (V1)
	SSW05-07-08-CRS-5M	16 ft (5 meter) Remote Keypad Cable	1.2	\$51	E17 (V1)
	CAB-RS-7.5	25 ft (7.5 meter) Remote Keypad Cable	1.5	\$62	E17 (V1)
	CAB-RS-10	33 ft (10 meter) Remote Keypad Cable	2.0	\$72	E17 (V1)

Settings and Indications



SSW05 – Technical Data

Power Supply	Main Voltage	208... 480 Vac (+10%, -15%)
	Control Voltage	90 ...250 Vac
	Frequency	50 / 60Hz (+/- 5Hz)
Enclosure	IP00 Protected Chassis	
Duty Cycle	300% rated current during 10 seconds, 4 starts per hour	
Control Inputs	Digital	One input for Start/Stop (90 - 250 Vac)
		One input for Fault Reset (90 - 250 Vac)
Control Outputs	Digital	One relay output for Run indication (1 Amp - 250V)
		One relay output for Full Voltage indication (1 Amp - 250V)
Communication	Serial Interface	RS-232C
Safety	Protection	Motor overload*
		Locked rotor*
		Over current*
		Phase sequence*
		Phase loss*
		SCR overload
Control Features	Pedestal Voltage	30 ... 80% of line voltage
	Accel Ramp	1 ... 20 seconds
	Decel Ramp	Off ... 20 seconds
	Motor Current	30 ... 100% of SSW-05 rating
	Fault Reset	Manual or Automatic
Ambient	Temperature	32 ... 131°F (0 - 55°C)
	Humidity	0...90% Non Condensing
	Altitude	0 ... 1000m (3,300 ft) – Standard Operation at Rated Current Up to 4000m (13,200 ft) – With Current Derating (1%/100m (328 ft) above 1000m (13,200 ft))
Conformities	Low Voltage	UL 508 – Industrial Control Equipment IEC 60947-4-2
	EMC	EMC Directive 89 / 336 / EEC – Industrial Environment, Class A

* Can be disabled

SSW07 – Reduced Voltage Soft Starter

Soft Starters are static starting devices, designed for the acceleration, deceleration and protection of the three phase, electric induction motors through the control of the voltage applied to the motor. The SSW07, with DSP control (Digital Signal Processor), was designed to provide great performance on motor starts and stops with an excellent cost-benefit relation. Easy to set up, it simplifies start-up activities and daily operations.

The SSW07 is compact, optimizing space in electric panels. The SSW07 incorporates all electric motor protections and adapts to customer needs through its easy-to-install optional accessories. Optionally, a keypad, a communication interface or a motor PTC input can be added to the product.



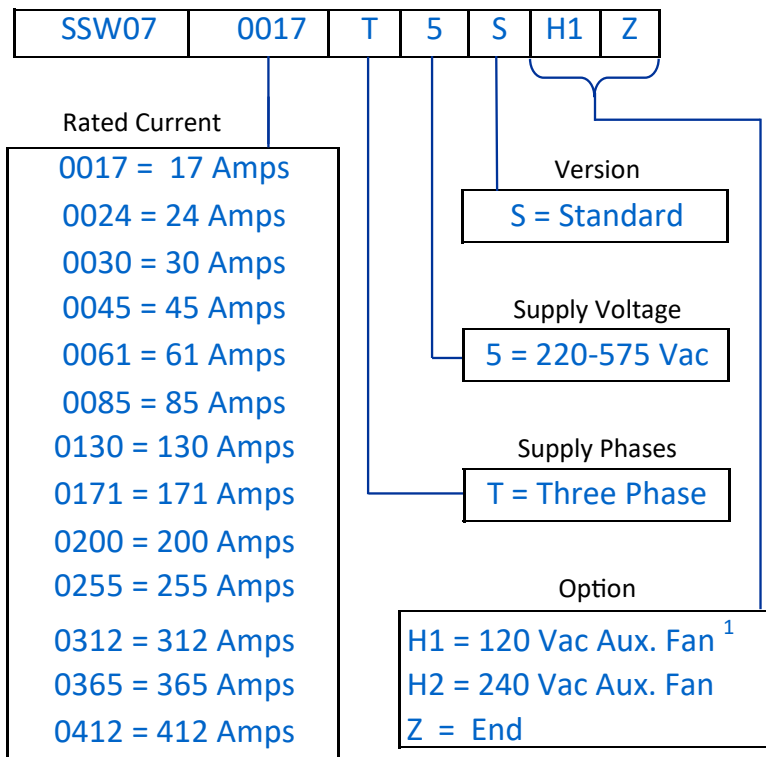
Standard Features

- Universal voltage (220 to 575 Vac)
- Built-in run rated (AC1) By-pass contactor
- Significant reduction of mechanical stresses through the coupling and transmission devices (gearboxes, pulleys, gears, conveyors, etc.) during the start
- Increases motor and machine mechanical equipment lifetime due to the elimination of mechanical shock
- Easy operation, setup, maintenance & installation
- Simple setpoint programming through trim pots
- Operates in environments up to 55°C without current reduction
- Integral, electronic motor protection
- Built-in electronic thermal relay
- Avoids “Water Hammer” in pumps
- Limitation of voltage drop during start
- Switched type power supply with EMC filter for the control electronics (110 to 240 Vac)
- SuperDrive G2 compatible
- Conformal coated circuit boards

Applications

- Chemical and Petrochemical
- Plastic and Rubber
- Pulp and Paper
- Sugar and Alcohol
- Beverages
- Cement and Mining
- Food and Beverage
- Textile
- Metallurgy
- Ceramics
- Glass
- Refrigeration
- Wood
- Sanitation
- Load Transportation
- Pumps and Fans

SSW07 Catalog Number Sequence



- 1) Aux. Cooling Fan for SSW07 Frame 4 Only
Requires 120 Vac Single-Phase Power

Table intended as reference only and not to create part numbers.

SSW07

Protected Chassis Enclosure

Motor Voltage	Standard Duty (300%, 30s, 10 starts/hr @ 55°C)		Heavy Duty ⁴ (450%, 30s, 4 starts/hr @ 55°C)		Catalog Number (Old Catalog Number)	Frame Size	Dimensions (in.) HxWxD	Approx. Weight (lbs.)	List Price	Multiplier New (Old)
	Motor HP ¹	Starter Amps ²	Motor HP ¹	Starter Amps ²						
230 Vac	Input Power Supply: Three-Phase 230 Vac									
	5	17	5	14	SSW070017T5SZ	1	6.4 x 2.3 x 5.7	2.9	\$1,158	E17 (E1)
	7.5	24	7.5	20	SSW070024T5SZ	1	6.4 x 2.3 x 5.7	2.9	\$1,241	E17 (E1)
	10	30	10	25	SSW070030T5SZ	1	6.4 x 2.3 x 5.7	2.9	\$1,281	E17 (E1)
	15	45	10	31	SSW070045T5SZ ³	2	8.2 x 5.6 x 8.0	7.3	\$1,461	E17 (E1)
	25	61	15	43	SSW070061T5SZ ³	2	8.2 x 5.6 x 8.0	7.3	\$1,646	E17 (E1)
	30	85	20/25	60	SSW070085T5SZ ³	2	8.2 x 5.6 x 8.0	7.3	\$1,992	E17 (E1)
	50	130	30/40	94	SSW070130T5SZ ³	3	10.9 x 8.6 x 8.7	16.8	\$2,501	E17 (E1)
	60	171	50	125	SSW070171T5SZ ³	3	10.9 x 8.6 x 8.7	16.8	\$3,177	E17 (E1)
	75	200	60	150	SSW070200T5SZ ³	3	10.9 x 8.6 x 8.7	16.8	\$3,766	E17 (E1)
	100	255	75	185	SSW070255T5SH1Z (SSW070255T5SZ)	4	13.0 x 9.0 x 9.6	28.2	\$4,598	E17 (E1)
	125	312	75	224	SSW070312T5SH1Z (SSW070312T5SZ)	4	13.0 x 9.0 x 9.6	28.2	\$4,992	E17 (E1)
	150	365	100	263	SSW070365T5SH1Z (SSW070365T5SZ)	4	13.0 x 9.0 x 9.6	28.2	\$5,187	E17 (E1)
	150	412	125	298	SSW070412T5SH1Z (SSW070412T5SZ)	4	13.0 x 9.0 x 9.6	28.2	\$6,088	E17 (E1)
460 Vac	Input Power Supply: Three-Phase 460 Vac									
	10	17	10	14	SSW070017T5SZ	1	6.4 x 2.3 x 5.7	2.9	\$1,158	E17 (E1)
	15	24	15	20	SSW070024T5SZ	1	6.4 x 2.3 x 5.7	2.9	\$1,241	E17 (E1)
	20	30	20	25	SSW070030T5SZ	1	6.4 x 2.3 x 5.7	2.9	\$1,281	E17 (E1)
	30	45	25	31	SSW070045T5SZ ³	2	8.2 x 5.6 x 8.0	7.3	\$1,461	E17 (E1)
	40/50	61	30	43	SSW070061T5SZ ³	2	8.2 x 5.6 x 8.0	7.3	\$1,646	E17 (E1)
	75	85	40/50	60	SSW070085T5SZ ³	2	8.2 x 5.6 x 8.0	7.3	\$1,992	E17 (E1)
	100	130	60/75	94	SSW070130T5SZ ³	3	10.9 x 8.6 x 8.7	16.8	\$2,501	E17 (E1)
	125	171	100	125	SSW070171T5SZ ³	3	10.9 x 8.6 x 8.7	16.8	\$3,177	E17 (E1)
	150	200	125	150	SSW070200T5SZ ³	3	10.9 x 8.6 x 8.7	16.8	\$3,766	E17 (E1)
	200	255	150	185	SSW070255T5SH1Z (SSW070255T5SZ)	4	13.0 x 9.0 x 9.6	28.2	\$4,598	E17 (E1)
	250	312	175	224	SSW070312T5SH1Z (SSW070312T5SZ)	4	13.0 x 9.0 x 9.6	28.2	\$4,992	E17 (E1)
	300	365	200	263	SSW070365T5SH1Z (SSW070365T5SZ)	4	13.0 x 9.0 x 9.6	28.2	\$5,187	E17 (E1)
	350	412	250	298	SSW070412T5SH1Z (SSW070412T5SZ)	4	13.0 x 9.0 x 9.6	28.2	\$6,088	E17 (E1)

NOTES:

1) "HP" rating based on FLA values from WEG W22, 2 and 4 pole, NEMA Premium motors.

2) Motor FLA may vary with speed and manufacturer. ALWAYS compare motor FLA to Nominal AMPS of starter.

3) Must be used with Ventilation kit.

4) Crusher, loaded Conveyor, Shredder, wood chipper, centrifuge, High inertia centrifugal fan, ball mill, hammer mill etc. are application examples where Heavy duty rated soft starter shall be used.

Protected Chassis Enclosure

Motor Voltage	Standard Duty (300%, 30s, 10 starts/hr @ 55°C)		Heavy Duty ⁴ (450%, 30s, 4 starts/hr @ 55°C)		Catalog Number (Old Catalog Number)	Frame Size	Dimensions (in.) HxWxD	Approx. Weight (lbs.)	List Price	Multiplier New (Old)
	Motor HP ¹	Starter Amps ²	Motor HP ¹	Starter Amps ²						
575 Vac	Input Power Supply: Three-Phase 230 Vac									
	15	17	10	14	SSW070017T5SZ	1	6.4 x 2.3 x 5.7	2.9	\$1,158	E17 (E1)
	25	24	20	20	SSW070024T5SZ	1	6.4 x 2.3 x 5.7	2.9	\$1,241	E17 (E1)
	30	30	25	25	SSW070030T5SZ	1	6.4 x 2.3 x 5.7	2.9	\$1,281	E17 (E1)
	40	45	30	31	SSW070045T5SZ ³	2	8.2 x 5.6 x 8.0	7.3	\$1,461	E17 (E1)
	60	61	40	43	SSW070061T5SZ ³	2	8.2 x 5.6 x 8.0	7.3	\$1,646	E17 (E1)
	75	85	50/60	60	SSW070085T5SZ ³	2	8.2 x 5.6 x 8.0	7.3	\$1,992	E17 (E1)
	125	130	75/100	94	SSW070130T5SZ ³	3	10.9 x 8.6 x 8.7	16.8	\$2,501	E17 (E1)
	150	171	125	125	SSW070171T5SZ ³	3	10.9 x 8.6 x 8.7	16.8	\$3,177	E17 (E1)
	200	200	150	150	SSW070200T5SZ ³	3	10.9 x 8.6 x 8.7	16.8	\$3,766	E17 (E1)
	250	255	200	185	SSW070255T5SH1Z (SSW070255T5SZ)	4	13.0 x 9.0 x 9.6	28.2	\$4,598	E17 (E1)
	300	312	250	224	SSW070312T5SH1Z (SSW070312T5SZ)	4	13.0 x 9.0 x 9.6	28.2	\$4,992	E17 (E1)
	400	365	250	263	SSW070365T5SH1Z (SSW070365T5SZ)	4	13.0 x 9.0 x 9.6	28.2	\$5,187	E17 (E1)
	450	412	300	298	SSW070412T5SH1Z (SSW070412T5SZ)	4	13.0 x 9.0 x 9.6	28.2	\$6,088	E17 (E1)

NOTES:

1) "HP" rating based on FLA values from WEG W22, 2 and 4 pole, NEMA Premium motors.

2) Motor FLA may vary with speed and manufacturer. ALWAYS compare motor FLA to Nominal AMPS of starter.

3) Must be used with Ventilation kit.

4) Crusher, loaded Conveyor, Shredder, wood chipper, centrifuge, High inertia centrifugal fan, ball mill, hammer mill etc. are application examples where Heavy duty rated soft starter shall be used.

SSW07

Options and Accessories

Type	Catalog Number	Description	Approx. Weight (lbs.)	List Price	Multiplier New (Old)
Keypad	SSW07-08-HMI-LOC	Local Keypad – Mounts on SSW07 Soft Starter	1.1	\$174	E17 (E1)
	SSW07-HMI-REM	Remote Keypad Kit – Includes HMI and Interface Module	3.1	\$340	E17 (E1)
	SSW07-HMI-REM-485	Remote Keypad Kit – Includes HMI RS485 Comm. Card	3.8	\$427	E17 (E1)
Remote Cable	CAB-RS-1	3.3 ft (1 meter) Remote Keypad Cable	0.5	\$23	E17 (V1)
	CAB-RS-2	6.6 ft (2 meter) Remote Keypad Cable	0.7	\$31	E17 (V1)
	SSW05-07-08-CRS-3M	9.9 ft (3 meter) Remote Keypad Cable	1.0	\$41	E17 (V1)
	SSW05-07-08-CRS-5M	16 ft (5 meter) Remote Keypad Cable	1.2	\$51	E17 (V1)
	CAB-RS-7.5	25 ft (7.5 meter) Remote Keypad Cable	1.5	\$62	E17 (V1)
	CAB-RS-10	33 ft (10 meter) Remote Keypad Cable	2.0	\$72	E17 (V1)
Communication	SSW07-08-KRS-232	RS-232 Communication Kit	1.6	\$121	E17 (E1)
	SSW07-08-KRS-485	RS-485 Communication Kit	1.6	\$201	E17 (E1)
	CAB-COMM-3	Cable for Communication RS232 (DB9-DB9) – 9.9ft. (3 meter)	1.1	\$75	E17 (E1)
	CAB-COMM-10	Cable for Communication RS232 (DB9-DB9) – 33 ft (10 meter)	2.0	\$164	E17 (E1)
	KFB-DN-SSW07	DeviceNet Communication Kit plus Remote HMI Connection	2.3	\$353	E17 (E1)
Kits	SSW0708900-KVT-2B ¹	Ventilation Kit M2 (Frame Size 2, 45 to 85A)	1.4	\$65	E17 (E1)
	SSW0708900-KVT-3C ¹	Ventilation Kit M3 (Frame Size 3, 130 to 200A)	1.4	\$94	E17 (E1)
	SSW07-08-KPTC-MTR	PTC Kit for motor	0.8	\$123	E17 (E1)
	SSW0708900-IP20-3C	IP20 Kit for M3 (Frame Size 3, 130 to 200A)	1.1	\$62	E17 (E1)
	SSW0708900-IP20-4D	IP20 Kit for M4 (Frame Size 4, 255 to 412A)	1.1	\$130	E17 (E1)
	KSDG2-SSW07	Superdrive G2 Kit (Includes KRS-232-SSW07, CAB-COMM-3, CD Software)	1.9	\$225	E17 (E1)

NOTES:

1) M2 and M3 Ventilation Kit Cooling Fans require 120 Vac Single-Phase Power

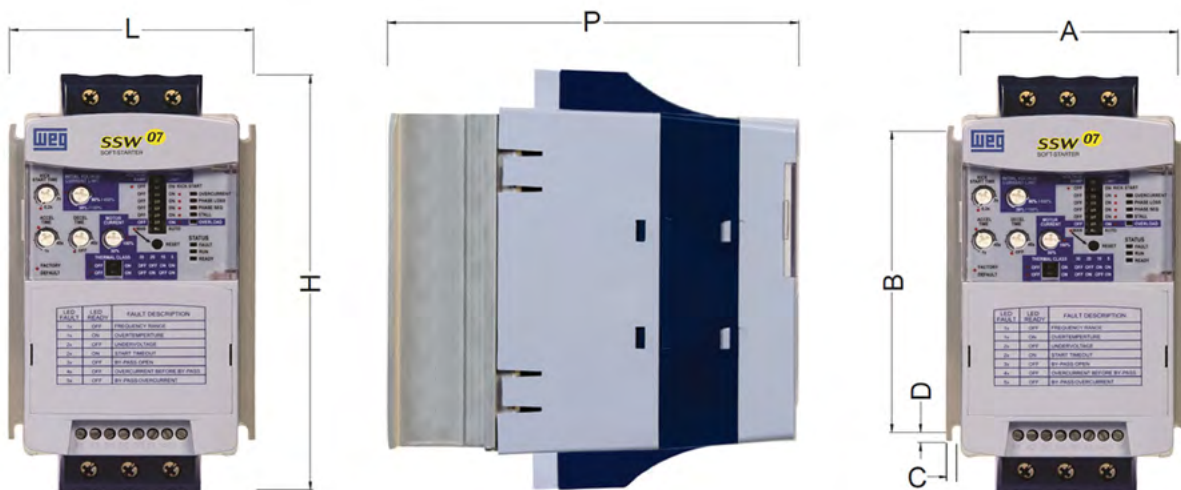


HMI-REMOTE-SSW07; REMOTE KEYPAD

Dimensions

Frame Size IP20"	Height 'H' in. (mm)	"Width 'L' in. (mm)"	"Depth 'P' in. (mm)"	"A' in. (mm)"	"B' in. (mm)"	"C' in. (mm)"	"D' in. (mm)"	"Mounting Screw in. (metric)"	"Weight Lbs. (kg)"
1	6.4 (162)	3.8 (95)	6.2 (157)	3.4 (85)	4.8 (120)	0.20 (5)	0.16 (4.0)	5/32 (M4)	2.9 (1.3)
2	8.3 (208)	5.6 (141)	8.0 (202)	5.2 (132)	5.9 (148)	0.25 (6)	0.13 (3.4)	5/32 (M4)	7.3 (3.3)
3	10.9 (276)	8.6 (218)	8.7 (220)	8.2 (208)	8.3 (210)	0.30 (7.5)	0.20 (5.0)	3/16 (M5)	16.8 (7.6)
4*	13.1 (331)	9.0 (227)	9.6 (242)	9.6 (242)	11.0 (280)	0.60 (15)	0.35 (9.0)	5/16 (M8)	25.4 (11.5)

* Frame 4 is IP00 protection rating. See Page 80 for IP20 kit.



SSW07

Technical Data

Power Supply	Power	220 to 575 Vac	
	Control	110 to 240 Vac (-15% to +10%), or 91 to 264 Vac, Models from 17A to 200A 110 to 130 Vca (-15% to +10%), or 91 to 143 Vac, Models from 255A and above	
	Frequency	50 to 60 Hz (+/- 10%), or 45 to 66 Hz	
Enclosure	Injected plastic	IP20 in models from 17 to 85 A	
		IP00 in models from 130 to 200 A (IP20 as option)	
Control	Control Method	Voltage variation over the load (three-phase induction motor)	
	CPU	DSP type microcontroller (Digital Signal Processor)	
	Types of Control	Voltage ramp	
		Current limit adjustable 150 - 450%	
Ambient	Temperature	32...132 F (0...55C)	
	Humidity	Humidity 5% ... 90% non condensing	
	Altitude	0...3300 ft (0 ... 1000m): standard operation at rated current.	
		Up to 13300 ft (4000m): with 10% / 1000m output current de rating.	
Starting Cycle (1)	Normal	300% (3 x Inom.) during 30 s, 10 starts per hour (every 6 minutes)	
Inputs	Digital	3 isolated programmable inputs (120Vac)	
Outputs	Relay	2 relays with NO contacts, 240Vac, 1A, programmable functions	
Safety	Standard Protection	Overcurrent;	Locked Rotor
		Overcurrent before By-pass	Excess starting time
		Phase loss;	Frequency outside tolerance
		Inverted phase sequence;	By-pass contact open
		Overtemperature in power heatsink;	Undervoltage in control supply
		Motor Overload (class 5 to 30)	
		Undercurrent	Programming error
		Current imbalance	Serial communication error
		Subcurrent before By-pass	MMI communication error
		External defects	Overtemperature in motor PTC
Functions / Resources	Standard	Voltage ramp (Initial voltage: 30% to 90%)	
		Current limitation (150% to 450% of SSW-07 rated current)	
		Starting time (1 to 40s)	
		Kick Start (Off - 0,2 to 2s)	
		Deceleration ramp (0 to 40s)	
		Motor and SSW-07 current relation (50% to 100%)	
		Faults auto-reset	
		Thermal memory auto-reset	
		Factory standard reset	
		Soft-starter built-in By-pass	
		Ambient	Temperature
Humidity	20 ... 90%, non condensing		
Altitude	0...3300 ft (0 ... 1000 m): standard operation at rated current		
	Up to 13300 ft (4000 m): with1% output current De-rating for every 100 meter above 1000m.		

Note:

1) For the 45 to 200 Amp units using the ventilation kit.

Continued on next page

Technical Data – continued

Programming Accessory (MMI or Serial communication)	Command	On, Off / Reset and Parameterization (function Programming)
	Additional Functions / Resources	Starting time up to 240s
		Deceleration time up to 240s
		Program enabling password
		Selection for Local / Remote operation
		COPY function (SSW-07 >>> MMI and MMI >>> SSW-07)
		Programmable rated voltage
	Supervision (Reading)	Motor current (%Soft-Starter In)
		Motor current (%motor In)
		Motor current (A)
		Current indication in each phase R-S-T
		Supply network frequency
		Apparent power supplied to load (kVA)
		Soft-Starter status
		Digital input and output status
		Back up of 4 last errors
		Soft-Starter Software Version
		Heatsink temperature
		Motor thermal protection status
Accessories and Options	Options	Plug-in type local MMI
		MMI remote Kit
		1,2,3,5,7.5 and 10m for remote MMI interconnection
		RS-232 communication kit
		SSW-07 interconnection cables>>> PC Serial (RS-232) 3 and 10m
		RS-485 communication kit
		Motor PTC kit
		Ventilation kit for size 2 (45 to 85 A)
		Ventilation kit for size 3 (130 to 200 A)
		IP20 kit for size 3 (130 to 200 A)
Finishing	Color	Lid: Gray Ultra Mat
		Cabinet: Blue Ultra Mat
Certifications	Safety	UL 508 Standard - Industrial Control Equipment
	Low voltage	EN60947-4-2;LVD 2006/95/EC Standard - Low voltage Directive
	EMC	EMC 89/336/EEC Directive - Industrial Environment
	UL (USA) / cUL (Canada)	Underwriters Laboratories Inc. - USA
	CE (Europe)	Conformity test conducted by EPCOS
	C-Tick (Australia)	Australian Communication Authority
	GOST (Russia)	

SSW900 – Reduced Voltage Soft Starter

The Next Generation Advanced RVSS with Bluetooth Capability

Combining convenience and innovation, the SSW900 is the right choice for a complete motor protection and start/stop control. Developed for industrial use, the new line of soft-starters allows easy and simple access to the configuration settings and application data. Using a well-structured menu interface, the SSW900 line provides an unprecedented experience of interactivity with the user, allowing adjustments and configurations with online parameter help right on the Keypad. In addition, event logs with date and time & set up assistant are available. All models of SSW900 soft starter have built in AC1 bypass, which contributes to extending the life of the soft starter, optimizing space, and reducing heat dissipation inside electric panels.

Standard Features

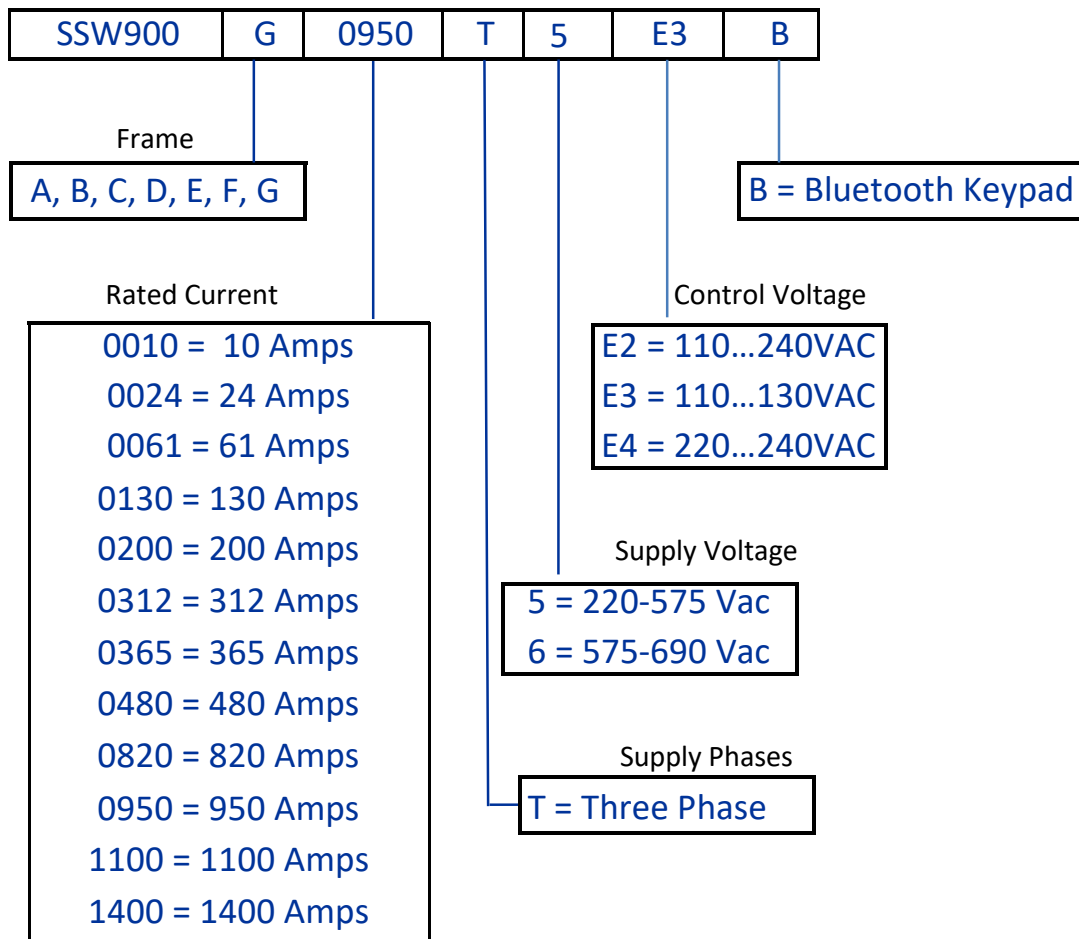
- Universal Power Supply- 10A to 1400A @ 220vac - 575vac (+10% / -15%).
- 1/90-250Vac auxiliary control voltage.
- Built in AC1 bypass contactors for all models.
- Conformal coated circuit board.
- Detachable Text/Graphic Keypad with USB port & with built-in Bluetooth (Bluetooth allows easy programming & monitoring of SSW900 using Cell phone app "WEG WPS".)
- Real time clock with event log & Copy function.
- Oriented start-up and online help.
- Voltage ramp, Voltage ramp + Current Limit, Current Limit, Pump Control, Torque control, Direct on line (DOL) start modes.
- 2 independent slots to connect plug-in modules.
- Five isolated programmable digital inputs.
- One motor thermistor input.
- Three programmable relay outputs (2 Amp – 240V).
- One programmable analog output (0-10V, 0/4-20 mA).
- Built-in SoftPLC (requires PC with WEG WPS software).
- Diagnostic features: overvoltage & undervoltage, voltage imbalance between phases, phase sequence, Motor overload and underload, overcurrent & undercurrent, current imbalance, Short circuit, SCRs under and over temperature, Time between starts etc.
- Display readings: Three main display screens, each display screen can be configured to display nine variables like motor current, input & output voltage, output power, Power factor, motor torque etc.
- Ambient: 32°F to 131°F (55°C) / 104°F (40°C), frame dependent.
- Optional Communication: RS-485 (Modbus RTU), CANopen, DeviceNet, Profibus DP, Ethernet/IP, Modbus TCP/IP, ProfiNet IO.



Applications

- Pumps
- Fans/Blowers
- Mixers/Grinders
- Compressors
- Conveyors
- Centrifuges
- Crushers
- Ball & Hammer Mills

SSW900 Catalog Number Sequence



SSW900

Protected Chassis Enclosure

Motor Voltage	Motor HP ¹	Starter Amps ²	Motor HP ¹	Starter Amps ²	Catalog Number	Frame Size ³	Dimensions (in.) HxWxD	Approx. Weight (lbs.)	List Price	Multiplier New (Old)
	Standard Duty		Heavy Duty ⁴							
3 Ph, 230 Vac	300%, 30 s, 10 starts/hr @ 55°C		450%, 30 s, 4 starts/hr @ 55°C		Input Power Supply: Three-Phase 200-240 Vac					
	3	10	3	10	SSW900A0010T5E2B	A	7.9" x 5.0" x 8.0"	4.3	\$1,386	E19 (E1)
	5	17	5	14	SSW900A0017T5E2B	A	7.9" x 5.0" x 8.0"	4.3	\$1,429	E19 (E1)
	7.5	24	7.5	20	SSW900A0024T5E2B	A	7.9" x 5.0" x 8.0"	4.3	\$1,572	E19 (E1)
	10	30	10	25	SSW900A0030T5E2B	A	7.9" x 5.0" x 8.0"	4.3	\$1,703	E19 (E1)
	15	45	10	31	SSW900B0045T5E2B ³	B	8.2" x 5.7" x 10.2"	8.9	\$1,976	E19 (E1)
	25	61	15	43	SSW900B0061T5E2B ³	B	8.2" x 5.7" x 10.2"	8.9	\$2,181	E19 (E1)
	30	85	20/25	60	SSW900B0085T5E2B ³	B	8.2" x 5.7" x 10.2"	8.9	\$2,771	E19 (E1)
	40	105	30	75	SSW900B0105T5E2B ³	B	8.2" x 5.7" x 10.2"	8.9	\$3,160	E19 (E1)
	50	130	40	94	SSW900C0130T5E2B ³	C	10.9" x 8.8"x 10.3"	14.4	\$3,547	E19 (E1)
	60	171	50	125	SSW900C0171T5E2B ³	C	10.9" x 8.8"x 10.3"	14.4	\$4,270	E19 (E1)
	75	200	60	150	SSW900C0200T5E2B ³	C	10.9" x 8.8"x 10.3"	14.4	\$5,354	E19 (E1)
	100	255	75	185	SSW900D0255T5E3B	D	13.0" x 8.9" x 11.1"	28.3	\$7,188	E19 (E1)
	125	312	75	224	SSW900D0312T5E3B	D	13.0" x 8.9" x 11.1"	28.3	\$7,896	E19 (E1)
	150	365	100	263	SSW900D0365T5E3B	D	13.0" x 8.9" x 11.1"	28.3	\$8,721	E19 (E1)
	150	412	125	298	SSW900D0412T5E3B	D	13.0" x 8.9" x 11.1"	28.3	\$9,465	E19 (E1)
	300%, 30 s, 5 starts/hr @ 40°C		450%, 30 s, 4 starts/hr @ 40°C		Input Power Supply: Three-Phase 230 Vac					
	200	480	150	354	SSW900E0480T5E3B	E	22.6" x 15.4" x 10.2"	83.7	\$11,730	E19 (E1)
	250	604	150	409	SSW900E0604T5E3B	E	22.6" x 15.4" x 10.2"	83.7	\$13,082	E19 (E1)
	250	670	175	454	SSW900E0670T5E3B	E	22.6" x 15.4" x 10.2"	83.7	\$14,878	E19 (E1)
	350	820	200	553	SSW900F0820T5E3B	F	29.9" x 18.3" x 12.4"	166.2	\$17,573	E19 (E1)
	400	950	250	643	SSW900F0950T5E3B	F	29.9" x 18.3" x 12.4"	166.2	\$26,592	E19 (E1)
	450	1100	300	745	SSW900G1100T5E3B	G	36.0" x 21.2" x 12.4"	236.3	\$33,351	E19 (E1)
	550	1400	400	953	SSW900G1400T5E3B	G	36.0" x 21.2" x 12.4"	236.3	\$42,863	E19 (E1)

NOTES:

1) HP rating based on FLA values from WEG W22, 2 and 4 pole, NEMA Premium motors.

2) Motor FLA may vary with speed and manufacturer. ALWAYS compare motor FLA to Nominal AMPS of starter.

3) Must be used with Ventilation kit.

4) Crusher, loaded Conveyor, Shredder, wood chipper, centrifuge, High inertia centrifugal fan, ball mill, hammer mill etc. are application examples where Heavy duty rated soft starter shall be used.

Protected Chassis Enclosure

Motor Voltage	Motor HP ¹	Starter Amps ²	Motor HP ¹	Starter Amps ²	Catalog Number	Frame Size ³	Dimensions (in.) HxWxD	Approx. Weight (lbs.)	List Price	Multiplier New (Old)
	Standard Duty		Heavy Duty ⁴							
3 Ph, 460 Vac	300%, 30 s, 10 starts/hr @ 55°C		450%, 30 s, 4 starts/hr @ 55°C		Input Power Supply: Three-Phase 460 Vac					
	5	10	5	10	SSW900A0010T5E2B	A	7.9" x 5.0" x 8.0"	4.3	\$1,386	E19 (E1)
	10	17	10	14	SSW900A0017T5E2B	A	7.9" x 5.0" x 8.0"	4.3	\$1,429	E19 (E1)
	15	24	15	20	SSW900A0024T5E2B	A	7.9" x 5.0" x 8.0"	4.3	\$1,572	E19 (E1)
	20	30	20	25	SSW900A0030T5E2B	A	7.9" x 5.0" x 8.0"	4.3	\$1,703	E19 (E1)
	30	45	25	31	SSW900B0045T5E2B ³	B	8.2" x 5.7" x 10.2"	8.9	\$1,976	E19 (E1)
	40/50	61	30	43	SSW900B0061T5E2B ³	B	8.2" x 5.7" x 10.2"	8.9	\$2,181	E19 (E1)
	60/75	85	40/50	60	SSW900B0085T5E2B ³	B	8.2" x 5.7" x 10.2"	8.9	\$2,771	E19 (E1)
	75	105	60	75	SSW900B0105T5E2B ³	B	8.2" x 5.7" x 10.2"	8.9	\$3,160	E19 (E1)
	100	130	75	94	SSW900C0130T5E2B ³	C	10.9" x 8.8"x 10.3"	14.4	\$3,547	E19 (E1)
	125	171	100	125	SSW900C0171T5E2B ³	C	10.9" x 8.8"x 10.3"	14.4	\$4,270	E19 (E1)
	150	200	125	150	SSW900C0200T5E2B ³	C	10.9" x 8.8"x 10.3"	14.4	\$5,354	E19 (E1)
	200	255	150	185	SSW900D0255T5E3B	D	13.0" x 8.9" x 11.1"	28.3	\$7,188	E19 (E1)
	250	312	175	224	SSW900D0312T5E3B	D	13.0" x 8.9" x 11.1"	28.3	\$7,896	E19 (E1)
	300	365	200	263	SSW900D0365T5E3B	D	13.0" x 8.9" x 11.1"	28.3	\$8,721	E19 (E1)
	350	412	250	298	SSW900D0412T5E3B	D	13.0" x 8.9" x 11.1"	28.3	\$9,465	E19 (E1)
	300%, 30 s, 5 starts/hr @ 40°C		450%, 30 s, 4 starts/hr @ 40°C		Input Power Supply: Three-Phase 460 Vac					
	400	480	300	354	SSW900E0480T5E3B	E	22.6" x 15.4" x 10.2"	83.7	\$11,730	E19 (E1)
	500	604	350	409	SSW900E0604T5E3B	E	22.6" x 15.4" x 10.2"	83.7	\$13,082	E19 (E1)
	600	670	400	454	SSW900E0670T5E3B	E	22.6" x 15.4" x 10.2"	83.7	\$14,878	E19 (E1)
	700	820	450	553	SSW900F0820T5E3B	F	29.9" x 18.3" x 12.4"	166.2	\$17,573	E19 (E1)
	800	950	500	643	SSW900F0950T5E3B	F	29.9" x 18.3" x 12.4"	166.2	\$26,592	E19 (E1)
	900	1100	650	745	SSW900G1100T5E3B	G	36.0" x 21.2" x 12.4"	236.3	\$33,351	E19 (E1)
	1200	1400	850	953	SSW900G1400T5E3B	G	36.0" x 21.2" x 12.4"	236.3	\$42,863	E19 (E1)

NOTES:

1) HP rating based on FLA values from WEG W22, 2 and 4 pole, NEMA Premium motors.

2) Motor FLA may vary with speed and manufacturer. ALWAYS compare motor FLA to Nominal AMPS of starter.

3) Must be used with Ventilation kit.

4) Crusher, loaded Conveyor, Shredder, wood chipper, centrifuge, High inertia centrifugal fan, ball mill, hammer mill etc. are application examples where Heavy duty rated soft starter shall be used.

SSW900

Protected Chassis Enclosure

Motor Voltage	Motor HP ¹	Starter Amps ²	Motor HP ¹	Starter Amps ²	Catalog Number	Frame Size ³	Dimensions (in.) HxWxD	Approx. Weight (lbs.)	List Price	Multiplier New (Old)
	Standard Duty		Heavy Duty ⁴							
3 Ph, 575 Vac	300%, 30 s, 10 starts/hr @ 55°C		450%, 30 s, 4 starts/hr @ 55°C		Input Power Supply: Three-Phase 575 Vac					
	7.5	10	7.5	10	SSW900A0010T5E2B	A	7.9" x 5.0" x 8.0"	4.3	\$1,386	E19 (E1)
	15	17	10	14	SSW900A0017T5E2B	A	7.9" x 5.0" x 8.0"	4.3	\$1,429	E19 (E1)
	20	24	20	20	SSW900A0024T5E2B	A	7.9" x 5.0" x 8.0"	4.3	\$1,572	E19 (E1)
	30	30	25	25	SSW900A0030T5E2B	A	7.9" x 5.0" x 8.0"	4.3	\$1,703	E19 (E1)
	40	45	30	31	SSW900B0045T5E2B ³	B	8.2" x 5.7" x 10.2"	8.9	\$1,976	E19 (E1)
	60	61	40	43	SSW900B0061T5E2B ³	B	8.2" x 5.7" x 10.2"	8.9	\$2,181	E19 (E1)
	75	85	50/60	60	SSW900B0085T5E2B ³	B	8.2" x 5.7" x 10.2"	8.9	\$2,771	E19 (E1)
	100	105	75	75	SSW900B0105T5E2B ³	B	8.2" x 5.7" x 10.2"	8.9	\$3,160	E19 (E1)
	125	130	100	94	SSW900C0130T5E2B ³	C	10.9" x 8.8"x 10.3"	14.4	\$3,547	E19 (E1)
	150	171	125	125	SSW900C0171T5E2B ³	C	10.9" x 8.8"x 10.3"	14.4	\$4,270	E19 (E1)
	200	200	150	150	SSW900C0200T5E2B ³	C	10.9" x 8.8"x 10.3"	14.4	\$5,354	E19 (E1)
	250	255	200	185	SSW900D0255T5E3B	D	13.0" x 8.9" x 11.1"	28.3	\$7,188	E19 (E1)
	300	312	250	230	SSW900D0312T5E3B	D	13.0" x 8.9" x 11.1"	28.3	\$7,896	E19 (E1)
	350	365	250	263	SSW900D0365T5E3B	D	13.0" x 8.9" x 11.1"	28.3	\$8,721	E19 (E1)
	400	412	300	298	SSW900D0412T5E3B	D	13.0" x 8.9" x 11.1"	28.3	\$9,465	E19 (E1)
	300%, 30 s, 5 starts/hr @ 40°C		450%, 30 s, 4 starts/hr @ 40°C		Input Power Supply: Three-Phase 575 Vac					
	500	480	350	354	SSW900E0480T5E3B	E	22.6" x 15.4" x 10.2"	83.7	\$11,730	E19 (E1)
	650	604	400	409	SSW900E0604T5E3B	E	22.6" x 15.4" x 10.2"	83.7	\$13,082	E19 (E1)
	750	670	500	454	SSW900E0670T5E3B	E	22.6" x 15.4" x 10.2"	83.7	\$14,878	E19 (E1)
	850	820	600	553	SSW900F0820T5E3B	F	29.9" x 18.3" x 12.4"	166.2	\$17,573	E19 (E1)
	1050	950	700	643	SSW900F0950T5E3B	F	29.9" x 18.3" x 12.4"	166.2	\$26,592	E19 (E1)
	1200	1100	800	745	SSW900G1100T5E3B	G	36.0" x 21.2" x 12.4"	236.3	\$33,351	E19 (E1)
	1500	1400	1050	953	SSW900G1400T5E3B	G	36.0" x 21.2" x 12.4"	236.3	\$42,863	E19 (E1)
3Ph, 690 Vac ⁵	300%, 30 s, 10 starts/hr @ 55°C		450%, 30 s, 4 starts/hr @ 55°C		Input Power Supply: Three-Phase 690 Vac					
	150	130	100	94	SSW900C0130T6E2B ³	C	10.9" x 8.8"x 10.3"	14.4	\$4,529	E19 (E1)
	200	171	150	125	SSW900C0171T6E2B ³	C	10.9" x 8.8"x 10.3"	14.4	\$5,705	E19 (E1)
	250	200	200	150	SSW900C0200T6E2B ³	C	10.9" x 8.8"x 10.3"	14.4	\$7,172	E19 (E1)
	300	255	250	185	SSW900D0255T6E3B	D	13.0" x 8.9" x 11.1"	28.3	\$8,242	E19 (E1)
	400	312	300	230	SSW900D0312T6E3B	D	13.0" x 8.9" x 11.1"	28.3	\$8,948	E19 (E1)
	450	365	350	263	SSW900D0365T6E3B	D	13.0" x 8.9" x 11.1"	28.3	\$9,299	E19 (E1)
	550	412	400	298	SSW900D0412T6E3B	D	13.0" x 8.9" x 11.1"	28.3	\$11,181	E19 (E1)
	300%, 30 s, 5 starts/hr @ 40°C		450%, 30 s, 4 starts/hr @ 40°C		Input Power Supply: Three-Phase 690 Vac					
	600	480	450	354	SSW900E0480T6E3B	E	22.6" x 15.4" x 10.2"	83.7	\$13,841	E19 (E1)
	750	604	550	409	SSW900E0604T6E3B	E	22.6" x 15.4" x 10.2"	83.7	\$15,439	E19 (E1)
	850	670	600	454	SSW900E0670T6E3B	E	22.6" x 15.4" x 10.2"	83.7	\$14,932	E19 (E1)
	1000	820	650	553	SSW900F0820T6E3B	F	29.9" x 18.3" x 12.4"	166.2	\$17,646	E19 (E1)
	1200	950	750	643	SSW900F0950T6E3B	F	29.9" x 18.3" x 12.4"	166.2	\$28,794	E19 (E1)
	1400	1100	900	745	SSW900G1100T6E3B	G	36.0" x 21.2" x 12.4"	236.3	\$34,673	E19 (E1)
	1700	1400	1200	953	SSW900G1400T6E3B	G	36.0" x 21.2" x 12.4"	236.3	\$44,509	E19 (E1)

NOTES:

1) HP rating based on FLA values from WEG W22, 2 and 4 pole, NEMA Premium motors.

2) Motor FLA may vary with speed and manufacturer. ALWAYS compare motor FLA to Nominal AMPS of starter.

3) Must be used with Ventilation kit.

4) Crusher, loaded Conveyor, Shredder, wood chipper, centrifuge, High inertia centrifugal fan, ball mill, hammer mill etc. are application examples where Heavy duty rated soft starter shall be used.

5) The 690VAC Soft starters are not UL Listed and are non-stocked items. Please consult WEG for availability.

Options and Accessories

Type	Catalog Number	Description	List Price	Multiplier New (Old)
Keypad	SSW900-HMI-BLT	Standard Bluetooth Keypad	\$345	E19 (E1)
	SSW900-KMD-CB01	Remote Keypad Frame + 1m (3.3ft) Cable	\$65	E19 (E1)
	SSW900-KMD-CB02	Remote Keypad Frame + 2m (6.6ft) Cable	\$75	E19 (E1)
	SSW900-KMD-CB03	Remote Keypad Frame + 3m (10ft) Cable	\$85	E19 (E1)
	SSW900-KMD-CB05	Remote Keypad Frame + 5m (16ft) Cable	\$115	E19 (E1)
	SSW900-KMD-CB07	Remote Keypad Frame + 7.5m (26ft) Cable	\$155	E19 (E1)
	SSW900-KMD-CB10	Remote Keypad Frame + 10m (33ft) Cable	\$195	E19 (E1)
	SSW900-KMD-CB20	Remote Keypad Frame + 20m (66ft) Cable	\$355	E19 (E1)
Communication	SSW900-CDN-N	Devicenet Anybus plug-in module	\$1,280	E19 (E1)
	SSW900-CETH-IP-N	Dual Port Ethernet/IP Anybus plug-in module	\$2,215	E19 (E1)
	SSW900-CMB-TCP-N	Dual Port Modbus-TCP Anybus plug-in module	\$1,800	E19 (E1)
	SSW900-CPDP-N	Profibus DP Anybus plug-in module	\$1,175	E19 (E1)
	SSW900-CPN-IO-N	Dual Port Profinet IO Anybus plug-in module	\$2,075	E19 (E1)
	SSW900-CRS485-W	RS485 plug-in module	\$170	E19 (E1)
	SSW900-CAN-W	CANopen and DeviceNet plug-in module	\$330	E19 (E1)
	SSW900-CETH-W	Dual Port Ethernet/IP or Modbus TCP	\$682	E19 (E1)
I/O Expansion	SSW900-PT100-W	PT100 temperature transducer module (6 inputs)	\$430	E19 (E1)
Ventilation Kits	SSW0708900-KVT-2B	Ventilation Kit for SSW07, Frame-2 and SSW900, Frame-B (45 to 105 A)	\$65	E17 (E1)
	SSW0708900-KVT-3C	Ventilation Kit for SSW07, Frame-3 and SSW900, Frame-C (130 to 200 A)	\$94	E17 (E1)
IP20 Kits	SSW0708900-IP20-3C	IP20 Kit for SSW07, Frame-3 and SSW900, Frame-C (130 to 200 A)	\$62	E17 (E1)
	SSW0708900-IP20-4D	IP20 Kit for SSW07, Frame-4 and SSW900, Frame-D (255 to 412 A)	\$130	E17 (E1)
Front cover kit	SSW0708900-PROT-3C	Front cover kit for power terminals for SSW07, Frame-3 and SSW900, Frame-C (130 to 200 A)	\$55	E17 (E1)
	SSW0708900-PROT-4D	Front cover kit for power terminals for SSW07, Frame-4 and SSW900, Frame D (255 to 412 A)	\$65	E17 (E1)
	SSW900-PROT-E	Front cover kit for power terminals for SSW900 frame E (480 to 670 A)	\$130	E19 (E1)
External Current Transformers	SSW900-KECA-10	External Current Transformer for SSW900 10A	\$415	E19 (E1)
	SSW900-KECA-17	External Current Transformer for SSW900 17A	\$435	E19 (E1)
	SSW900-KECA-24	External Current Transformer for SSW900 24A	\$455	E19 (E1)
	SSW900-KECA-30	External Current Transformer for SSW900 30A	\$470	E19 (E1)
	SSW900-KECA-45	External Current Transformer for SSW900 45A	\$510	E19 (E1)
	SSW900-KECA-61	External Current Transformer for SSW900 61A	\$540	E19 (E1)
	SSW900-KECA-85	External Current Transformer for SSW900 85A	\$565	E19 (E1)
	SSW900-KECA-105	External Current Transformer for SSW900 105A	\$580	E19 (E1)
	SSW900-KECA-130	External Current Transformer for SSW900 130A	\$620	E19 (E1)
	SSW900-KECA-171	External Current Transformer for SSW900 171A	\$650	E19 (E1)
	SSW900-KECA-200	External Current Transformer for SSW900 200A	\$680	E19 (E1)
	SSW900-KECA-255	External Current Transformer for SSW900 255A	\$845	E19 (E1)
	SSW900-KECA-312	External Current Transformer for SSW900 312A	\$885	E19 (E1)
	SSW900-KECA-365	External Current Transformer for SSW900 365A	\$915	E19 (E1)
	SSW900-KECA-412	External Current Transformer for SSW900 412A	\$930	E19 (E1)

SSW900

Options and Accessories

Type	Catalog Number	Description	List Price	Multiplier New (Old)
BusBar extension Kits	SSW900-6BAR-E	Kit with Six busbars for Frame-E for external bypass connection using only compression lugs (e.g. LCAX450-12-6, lug not included in the kit)	\$350	E19 (E1)
	SSW900-3BAR-E-L	Kit with three straight busbars for Frame-E for mechanical Lug "PB2-600". If all top or all bottom cable connections are needed using "PB2-600" lugs, use two (2) kits. (Lugs are not included in the kit).	\$175	E19 (E1)
	SSW900-6BAR-F	Kit with Six busbars for Frame-F for external bypass connection using only compression lugs (e.g. LCAX650-58-6 OR LCAX750-12-3, lugs not included in the kit)	\$435	E19 (E1)
	SSW900-3BAR-F-L	Kit with three straight busbars for Frame-F to connect three or four cables per phase using Compression lugs (e.g. 3 x LCAN400-12-6 OR 4 x LCAX250-58-X, Lugs are not included in the kit)	\$340	E19 (E1)
	SSW900-3BAR-F-L45S	Kit with three 45° angled (going downwards) busbars for Frame-F for all top or all bottom cable connections.	\$395	E19 (E1)
	SSW900-3BAR-F-L45L	Kit with three 45° angled (going upwards) busbars for Frame-F for all top or all bottom cable connections.	\$445	E19 (E1)
	SSW900-3BAR-G	Kit with three 45° angled (going downwards) busbars for Frame-G for all top or all bottom cable connections. Two (2) kits are needed if external bypass contactor is used.	\$515	E19 (E1)
SSW900 Adapter Plates	ADP-1-A	SSW06, Frame-1 to SSW900, Frame-A Adapter Plate	\$115	E19 (E1)
	ADP-2-B	SSW06, Frame-2 to SSW900, Frame-B Adapter Plate	\$135	E19 (E1)
	ADP-23-C	SSW06, Frame-2 & 3 to SSW900, Frame-C Adapter Plate	\$180	E19 (E1)
	ADP-4-D	SSW06, Frame-4 to SSW900, Frame-D Adapter Plate	\$255	E19 (E1)
	ADP-5-DE	SSW06, Frame-5 to SSW900, Frame-D & E Adapter Plate	\$325	E19 (E1)
	ADP-6-EF	SSW06, Frame-6 to SSW900, Frame-E & F Adapter Plate	\$420	E19 (E1)
	ADP-7-F	SSW06, Frame-7 to SSW900, Frame-F Adapter Plate	\$430	E19 (E1)
	ADP-7-FG	SW06, Frame-7 to SSW900, Frame-F & G Adapter Plate	\$435	E19 (E1)
	ADP-8-G	SSW06, Frame-8 to SSW900, Frame-G Adapter Plate	\$445	E19 (E1)

SSW900 Adapter Plate Table

SSW06		Adapter Plate Catalog #	SSW900	
Frame Size	Current Rating		Frame Size	Current Rating
1	10	ADP-1-A	A	10
	16			17
	23			24
	30			30
2	45	ADP-2-B	B	45
	60			61
	85			85
	-			105
	130			130
3	170	ADP-23-C	C	171
	205			200
4	255	ADP-4-D	D	255
	312			312
	365			365
5	412	ADP-5-DE	E	412
	480			480
	604			604
6	670	ADP-6-EF	F	670
	820			820
7	950	ADP-7-F	F and G	950
		ADP-7-FG		820 to 1400
8	1100	ADP-8-G	G	1100
	1400			1400

Adapter Plate Catalog # ADP-1-A

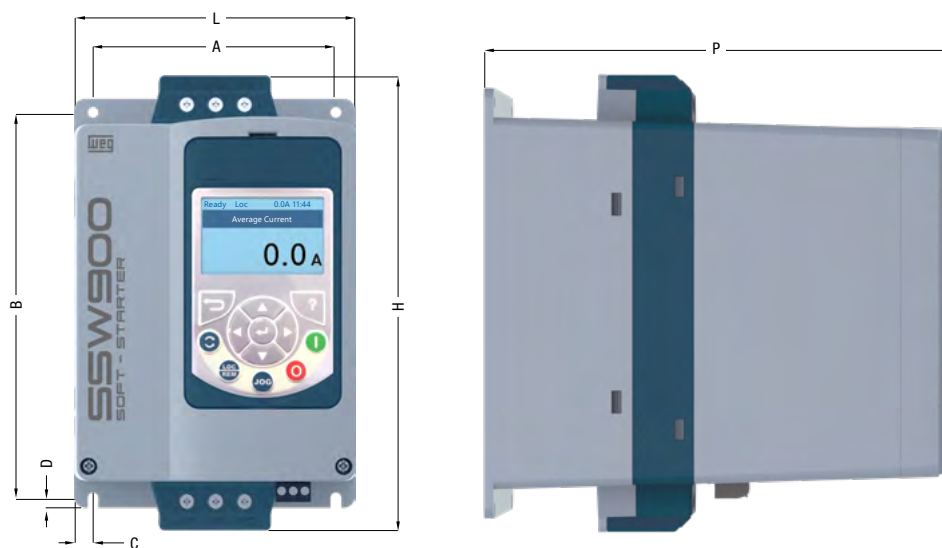


SSW900

Dimensions

Frame Size IP00	Height 'H' in. (mm)	Width 'L' in. (mm)	Depth 'P' in. (mm)	'A' in. (mm)	'B' in. (mm)	'C' in. (mm)	'D' in. (mm)	Mounting Screw	Weight Lbs. (kg)
A *	7.87 (200)	5.00 (127)	7.99 (203)	7.33 (110)	6.89 (175)	0.33 (8.5)	0.17 (4.3)	M4	4.25 (1.93)
B *	8.19 (208)	5.67 (144)	10.24 (260)	5.20 (132)	5.83 (148)	0.24 (6)	0.13 (3.4)	M4	8.86 (4.02)
C	10.87 (276)	8.78 (223)	10.28 (261)	8.19 (208)	8.27 (210)	0.30 (7.5)	0.20 (5.0)	M5	14.44 (6.55)
D	13.03 (331)	8.94 (227)	11.10 (282)	7.87 (200)	11.02 (280)	0.59 (15)	0.35 (9)	M8	28.29(12.83)
E	22.64 (575)	15.35 (390)	10.24 (260)	10.63 (270)	18.90 (480)	2.20 (56)	0.39 (10)	M8	83.78(38.00)
F	29.92 (760)	18.27 (464)	12.44 (316)	12.60 (320)	24.61 (625)	2.83 (72)	0.39 (10)	M8	166.23(75.40)
G	35.98 (914)	21.22 (539)	12.44 (316)	14.53 (369)	28.82 (732)	3.35 (85)	0.47 (12)	M10	236.34(107.20)

* Frame A & B are IP20 protection rating.



Technical Data

Power Supply	Mian Volate	Three-phase 220 - 575VAC (-15%, +10%) (Or 3-Ph, 187 to 632VAC)			
	Control Voltage	Frame-A to C: Single Phase 110 - 240VAC (-15%, +10%) (Or 1-Ph, 93.5 to 264VAC) Frame-D to G: Single Phase 110 - 130VAC (-15%, +10%) (Or 1-Ph, 93.5 to 143VAC)			
	Frequency	50 to 60Hz (+/- 10%) (Or 45 to 66 Hz)			
Enclosure	Degree of Protection	Frame-A, B: IP20 Frame-C to G: IP00			
Control	Method	Voltage Ramp, Voltage Ramp + Current Limit, Current Limit, Current Ramp Pump Control, Torque Control, D.O.L			
Starting Duty Cycle		Frame-A, B with ventilation kit, C with ventilation kit, D: 300% (3 x Rated) for 30 Sceconds, 10 Starts per hr. Frame-B w/o ventilation kit & C w/o ventilation kit: 300% (3 x Rated) for 30 Sceconds, 3 Starts per hr. Frame-E, F & G: 300% (3 x Rated) for 30 Sceconds, 5 Starts per hr.			
Control Inputs	Digital	5 x 24 VDC Programmable isolated inputs 1 x Motor PTC Thermistor			
Control Outputs	Relay	2 programmable outputs, 240 VAC (30 VDC) / 2A Form A Contact (NO) 1 programmable output, 240 VAC (30 VDC) / 2A Form C Contact (NO+NC)			
	Analog	1 programmable 0 to 10V or 0/4 to 20 mA output			
Safety	Protections	Motor Voltage Imbalance	Start Overtime		
		Motor Supply Undervoltage / Overvoltage	Time Between Starts		
		Power Short Circuit: Motor Off / Motor On	Locked Rotor		
		Motor Start Phase Loss	Motor Undercurrent/Overcurrent		
		Motor Overload Thermal Class	Phase Reversal		
		Wrong Connection to the Motor	Control Supply Incorrect Voltage		
		Motor Overtemperature (via thermisor Input)	Undervoltage Control Circuit		
		Motor Undertorque/Overtorque	Bypass Contact Open - Not Closed		
		Motor Underpower/Overpower	Bypass Contact Closed - Not Opened		
		Serial Communication Fault	Overcurrent Before Bypass		
		CPU Error (Watchdog)	Bypass Undercurrent		
		Serial Communication Timeout	Motor Current Imbalance		
		SCRs Undertemperature / Overtemperature	Frequency Out of Range		
		R-U/S-V/T-W SCRs Fault	HMI Communication Timeout		
		SCRs Overload	Self-diagnostic Fault		
Functions / Features	Standard	Built-in detachable LCD Graphic Keypad with Bluetooth, USB port, Real Time clock and Help menu Keypad with three display screens, each display screen can show upto nine variables. Programming enabling password LCD display Language selection: English, Spanish, German and Portuguese Local / Remote operation selection PUMP CONTROL function (Water hammer protection for pumps) COPY function (Soft-Starter to Keypad or Keypad to Soft-Starter) Soft starter integral bypass contactor for all models FWD / REV Feature via Digital Input (Needs two External Contactors (FWD/REV) Motor PTC thermistor input			
		Built in SoftPLC.			
		Programmable line voltage	220 ... 575 VAC		
		Programmable initial (pedestal) voltage	25 ... 90% of Rated Input Voltage		
		Programmable acceleration ramp	1 ... 999 seconds		
		Programmable deceleration ramp	0 ... 999 seconds		
		Programmable step down voltage for deceleration	100 ... 60 % of line voltage		
		Programmable starting current limit	OFF, 150 ... 500 % of motor rated current		
		Programmable motor Overcurrent/UnderCurrent	0 ... 99 % above motor rated current		
		Programmable motor Overcurrent/Undercurrent time	OFF, 1 ... 99 seconds		
		Programmable motor Undertorque (loss of load) / Overtorque (overload or locked Rotor)	0 ... 99 % of motor rated current		
		Programmable motor Undertorque (loss of load) / Overtorque (overload or locked Rotor) time	OFF, 1 ... 99 seconds		
		Programmable starting torque boost, voltage or current (KICKSTART)	Level: 70 ...90% of line voltage Level: 300 ... 700% of soft starter rated current Duration: 0.1 ...2 seconds		
		Programmable fault auto-reset	OFF, 3 ... 600 seconds		
		Motor thermal overload protection class	0 (Automatic); 10; 15; 20; 25; 30; 35; 40; 45		
		Motor Service Factor	0 (disabled); 0.01 ... 1.50		
		Ambient	Temperature	14 - 122°F (50°C), up to 140°F (60°C) with 2% / 1.8°F (1°C) output current derating	
			Humidity	5-90% Non Condensing	
			Altitude	0-3300 ft (1000m), up to 13,200 ft (4000m) with 1% output current derating per 330ft (100m) above 3300 ft (1000m).	
		Regulatory Conformance	IEC 60146	Semiconductor converters	
			UL 508 C	Power Conversion Equipment	
			UL 840	Insulation coordination including clearances and creepage distances for electrical equipment.	
			EN 50178	Electronic equipment for use in power installations	
			EN 61800-2	General requirements adjustable speed electrical power drive systems	
			EN 61800-3	EMC product standard including specific test methods adjustable speed electrical power drive systems	
EN 61800-5-1	Safety requirements adjustable speed electrical power drive systems				
EN 60204-1	Safety of machinery. Electrical equipment of machines. Part 1: General requirements.				
Approvals	RoHS and WEEE Guidelines UL, cUL, CE, C-Tick, GOST, IRAM				
Special Functions	Linear and "S" ramp accel and decel, local/remote control, FWD/REV selection, DC braking, manual and auto torque boost, motor slip compensation, electronic pot, two skip frequencies, maximum and minimum adjustable frequency limits, adjustable output current 4 digit display, 2 indicator LEDs and 8 keys				
Keypad	Readouts for: output frequency (Hz), output current (A), output voltage (V), motor torque (%) in vector mode, DC bus voltage (V), value proportional to frequency (Ex · RPM), heatsink temperature, fault and status messanes				

SSW900

Technical Data

Keypad	Programming / Commands	Start/Stop, Reset, Jog, FWD/REV, ESC, Help, Navigaiton keys & Enter
		Bluetooth, USB Port, Real Time clock
	Display Readings	Soft-Starter Output current (% of soft starter rated current)
		Motor current (Amps): R Phase, S Phase, T Phase, Average
		Motor current % of motor rated current
		Line frequency (0 ... 99 Hz)
		Line Voltage (0 ... 999VAC)
		Soft starter output voltage (0 - 999VAC)
		Motor active power (kW)
		Motor apparent power (kVA)
		Soft starter status
		Digital and analog I/Os status
		Motor power factor (0.00 - 0.99)
		Time Powered
		Time Enabled
		Four last faults back-up
		Soft starter firmware version
		Motor thermal protection (0 - 250)
		Motor current indication in each phase R-S-T
		Line voltage indication R-S / S-T / T-R
Ambient	Temperature	0...131°F (0...55°C): For SSW900 frame-A to D without derating. 0...104°F (0...40°C): For SSW900 frame-E to G, above 104°F (40°C) with derating.
	Humidity	5-90% Non Condensing
	Altitude	0-3300 ft (1000m), up to 13,200 ft (4000m). With 1% output current derating per 330ft (100m) above 3300 ft (1000m). With 1.1% voltage derating per 330ft (100m) above 6600 ft (2000m).
Safety Standards	UL 508	Industrial Control Equipment
	EN60947-4-2, LVD 2014/35/EU	Low-voltage Directive
Electromagnetic compatibility standards	CISPR 11	Industrial, scientific and medical (ISM) radio-frequency equipment - electromagnetic disturbance characteristics - limits and methods of measurement
	EN 61000-4-2	Electromagnetic compatibility (EMC) - part 4: testing and measurement techniques - section 2: Electrostatic discharge immunity test
	EN 61000-4-3	Electromagnetic compatibility (EMC) - part 4: testing and measurement techniques - section 3: radiated, radio-frequency, electromagnetic field immunity test
	EN 61000-4-4	Electromagnetic compatibility (EMC) - part 4: testing and measurement techniques - section 4: electrical fast transient/ burst immunity test
	EN 61000-4-5	Electromagnetic compatibility (EMC) - part 4: testing and measurement techniques - section 5: surge immunity test
	EN 61000-4-6	Electromagnetic compatibility (EMC) - part 4: testing and measurement techniques - section 6: immunity to conducted disturbances, induced by radio-frequency fields
	EN 61000-4-11	Electromagnetic compatibility (EMC) - part 4: testing and measurement techniques - section 11: voltage dips, short interruptions and voltage variations immunity tests
	EN 60204-1	"Safety of machinery. Electrical equipment of machines. Part 1: General requirements."
	Part 15 of FCC	FCC ID: S9NSPBTLERF
Mechanical construction standards	EN 60529	degrees of protection provided by enclosures (IP code).
	UL 50	enclosures for electrical equipment.
	IEC 60721-3-3	classification of environmental conditions.
Approvals	UL, cUL, CE, C-Tick, EAC, IRAM, ABS	



NOTES:

Data is subject to change without notice.

SSW7000

WEG's SSW7000 medium voltage solid-state soft starter is an industrial general-purpose starter package for starting & protecting MV AC motors.

Designed to be rugged, reliable and safe, the SSW7000 is a simple and cost effective solution for demanding applications.

Key Features & Advantages:

- 4160V & 2300V models in stock (NEMA 12 & NEMA 3R) up to 3000HP (higher voltages & powers available)
- Suitable for service entrance
- Motor protections active in both DOL & RUN modes eliminating the need for expensive motor protection relays for backup protection
- Pump control utilizes a specific algorithm for centrifugal pumps designed to minimize water hammer and pressure overshoots
- Soft PLC function with license-free software
- Flexible Torque Control (FTC) allows adjusting starting torque limit curve with 3 points (ideal for quadratic loads)
- Motor thermal protection via PT100 monitoring available (up to 8 channels)

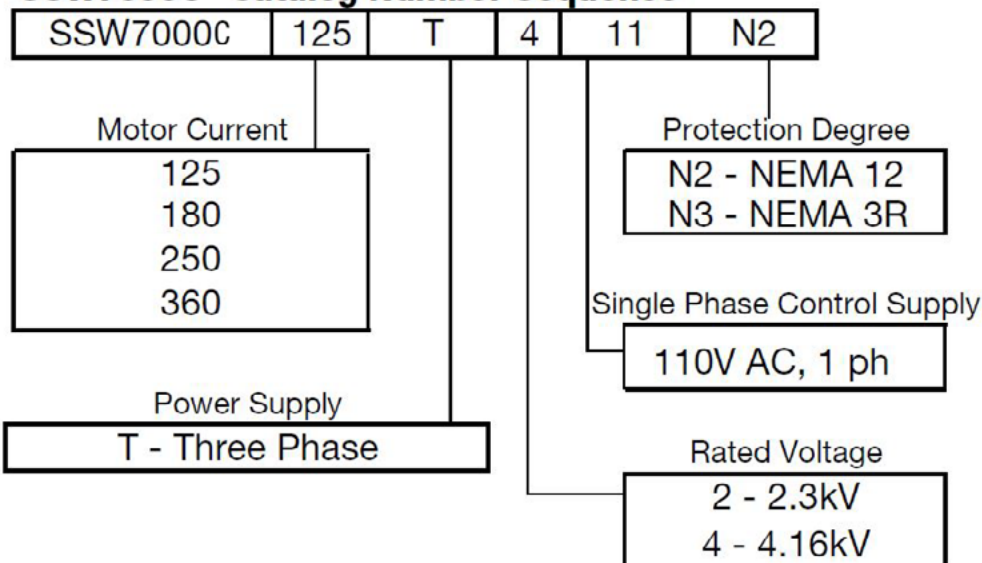
Accessories:

- PT100 monitoring (8x channels)
- Network communication modules
- FLASH memory module



Features that make a difference:

- Assembled and stocked in the US
- NEMA 12 & NEMA 3R enclosures available
- Emergency DOL start capability (ATL bypass)
- Oriented startup for easy commissioning
- UL 347 listed
- Ground fault monitoring standard

Product Code
SSW7000C Catalog Number Sequence

Rating

Power Supply	Model	Rated Current	Motor Power		List Price	Multiplier
			HP*	kW		
NEMA 12						
2300V, 3PH, 60HZ	SSW7000C125T211N2	125A	550	410	\$55,750	E3
	SSW7000C180T211N2	180A	750	560	\$58,665	
	SSW7000C250T211N2	250A	1100	800	\$65,195	
	SSW7000C360T211N2	360A	1500	1100	\$67,430	
4160V, 3PH, 60HZ	SSW7000C125T411N2	125A	1000	750	\$63,950	
	SSW7000C180T411N2	180A	1500	1100	\$67,195	
	SSW7000C250T411N2	250A	2000	1500	\$75,235	
	SSW7000C360T411N2	360A	3000	2250	\$77,980	
NEMA 3R						
2300V, 3PH, 60HZ	SSW7000C125T211N3	125A	550	410	\$60,820	E3
	SSW7000C180T211N3	180A	750	560	\$63,725	
	SSW7000C250T211N3	250A	1100	800	\$70,255	
	SSW7000C360T211N3	360A	1600-	1190	\$73,020	
4160V, 3PH, 60HZ	SSW7000C125T411N3	125A	1000	750	\$69,015	
	SSW7000C180T411N3	180A	1500	1100	\$72,250	
	SSW7000C250T411N3	250A	2000	1500	\$80,295	
	SSW7000C360T411N3	360A	3000	2250	\$83,550	

Note: (*) The motor power ratings given above are based on WEG 4-pole motors, 4.16kV, 60-Hz, PF=0.87, Eff=0.97, SF=1.

For applications with high overloads or special starting conditions, contact WEG's sales force.

Current Rating of SSW7000C must be calculated based on the information on load type, load speed/torque curve and required number of starts per hour.

All models are available in 220V, 1Ph control voltage.

SSW7000

Options and Accessories

Reference	Description	Slot	List Price	Multiplier
Control accessories to install in Slots 1, 2 and 3				
IOE-04	Module for 8 temperature sensors PT100	1 and 2	\$2795	E3
RS485-01	RS-485 serial communication module (Modbus)	3	\$240	
RS232-01	RS-232C serial communication module (Modbus)		\$180	
RS232-02	RS-232C serial communication module with switch to program the microcontroller FLASH memory		\$180	
Anybus-CA Accessories to install in Slots 4				
PROFDP-05	ProfibusDP interface module	4	\$1100	E3
DEVICENET-05	Devicenet interface module			
ETHERNET/IP-05	EtherNet/IP interface module			
RS232-05	RS-232 interface module (passive) (Modbus)		\$290	
RS485-05	RS485 interface module (passive) (Modbus)		\$360	
Flash Memory Module to install in Slot 5 - Included in Standard Models				
MMF-01	FLASH memory module	5	\$71	V1
Other Accessories				
HMI-01	Man Machine Interface – MMI (sold separately) ⁽¹⁾	-	\$320	V1
RHMIF-01	Frame kit for MMI (protection rate IP56)		\$69	

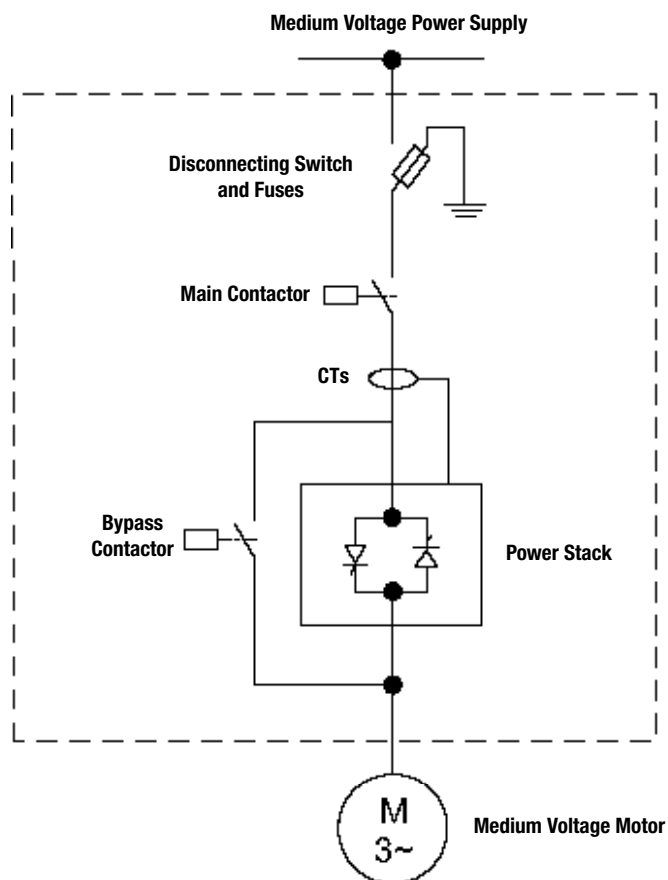
Dimensions

same for NEMA 12 & NEMA 3R



Data is subject to change without notice.

Line Diagram



Protections

ANSI/IEEE C37.2	Function/Protection Feature	Standard Option	
		☒	☐
19	Reduced Voltage Starting and Bypass	☒	☐
27	Undervoltage protection	☒	☐
37	Undercurrent protection	☒	☐
46	Phase-Balance Current protection	☒	☐
47	Phase Sequence	☒	☐
48	Incomplete Sequence	☒	☐
50	Instantaneous Overcurrent trip	☒	☐
51	Overcurrent trip	☒	☐
55	Power Factor check	☒	☐
59	Overvoltage	☒	☐
81	Frequency check	☒	☐
86	Lockout Relay - electronic	☒	☐
50N/51G	Ground fault detection instantaneous and fault-current	☒	☐
49 & 38	Winding Temperature and Bearing Temperature	☐	☐

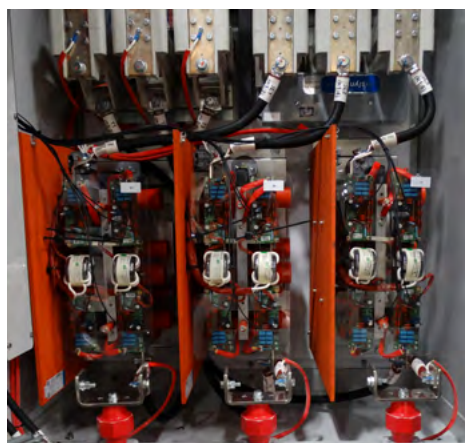
SSW7000

Standard Features:

- Motor voltage: 2.3kV, 4.16kV
- Power: up to 3000HP
- Protection Degree : NEMA 12, NEMA 3R
- Operating interface (HMI) with graphic LCD
- Real time clock
- Main and bypass vacuum contactors
- Emergency DOL start capability (ATL bypass)
- Medium voltage fuses
- Power and control insulated by fiber optics
- Soft PLC Function
- License Free programming software SuperDrive and WLP
- Motor thermal protection – PT100 (accessory), 8 Channels
- Ground Fault Protection – standard
- 5 start modes
- Network communication boards (accessories): DeviceNet, Profibus-DP, Ethernet and Modbus, RS-232 or RS-485

Advantages:

- Flexible Torque control
- Overload capacity of 400% for 20 s. (2x / hour duty cycle)
- Management of Demand restrictions by the electric company
- Bumpless starting
- Motor protection
- Mechanical wear reduction
- Handles lower inrush current limitations of power supply



Special Features:

- Clean Assembly with easy accessibility to all components
- Flexible Torque Control (FTC), by employing torque estimation using vector control principle and measurement of input voltage, output voltage and output current. This provides more accurate torque set-points, compared to estimating torque values only via current measurement.
- Active Protection offers complete motor protection in DOL START and RUN mode. This eliminates need for any expensive motor protection relays for backup protection.
- Ground Fault protection is standard
- Flexible Thermal Class Curve setup & selection that eliminates need for third party expensive protection relays
- Soft PLC function with license-free software
- Nickel plated bus bars and bus-stub connections provide corrosion resistance and ensure proper electrical connection
- Power connection terminals for TOP or BOTTOM motor connection (bottom only for NEMA 3R)
- Operator Interface (keypad, parameter setup) is identical to that of WEG's low voltage starter products
- Successfully tested per International Building Code 2018 (IBC 2018) & California Building Code 2019 (CBC 2019)



Certifications



Technical Specifications

Power Supply	Power Voltage (R/1 L1, S/3L2, T/5L3)	Low voltage test: 500Vac: (-60% to +10%) or (200 to 550Vca) Models: 2300Vac: (-60% to +10%) or (920 to 2530Vca) 4160Vac: (-60% to +10%) or (2760 to 4576Vca)
	Frequency	(50 to 60Hz): (±10%) or (45 to 66Hz)
Capacity	Maximum number of starts	5 starts in 2 hours (One start every 30 minutes)
	Start cycle	AC-53a; 4.5-30:50-2
Thyristors	Medium voltage SCR per power arm	2300Vac: 2 thyristors per per power stack 4160Vac: 2 coupled pairs of thyristors
	Reverse voltage peak on the arm	2300Vac: 6.5kV 4160Vac: 13kV
Protections	Protection by Hardware	dv/dt filter Active overvoltage protection on the thyristors
Control Supply	Control voltage	As per code of the SSW7000: 110Vac: (-15% to 10%) or (93.5 to 121Vac) 230Vac: (-15% to 10%) or (195.6 to 253Vac)
	Frequency	(50 to 60Hz): (±10%) or (45 to 66Hz)
	Consumption	Continuous: 900 mA Peak: 9.5 A (during the closing of the vacuum contactors)
Control	Method	Voltage ramp. Current limitation. Pump control. Torque control. Current ramp.
Inputs	Digital	6 insulated digital inputs, 24 Vdc, programmable functions
	Analog	2 differential inputs insulated by differential amplifier; AI1 resolution: 12 bits, AI2 resolution: 11bits + signal, (0 to 10) V, (0 to 20) mA or (4 to 20) mA, Impedance: 400kQ for (0 to 10V), 500Q for (0 to 20 mA) or (4 to 20 mA), programmable functions
Outputs	Digital	3 NO/NC contact relays, 240 Vac, 1A, programmable functions.
	Analog	2 insulated outputs, (0 to 10V) RL ± 10kQ (maximum load), 0 to 20 mA or 4 to 20 mA RL<500Q, 11-bit resolution, programmable functions
Man Machine Interface	Standard	9 keys: Turn/Stop, Increase, Decrease, Rotation Direction, Jog, Local/Remote, right Soft key and left Soft key. Graphic LCD. It enables access to/change of all parameters.
Safety	Main protections	Under and Overcurrent and current unbalance. Under and Overvoltage and voltage unbalance. Under and Overtorque and Active overpower Phase loss. Reverse phase sequence Overtemperature in the power racks. Motor overload. Motor overtemperature (optional). External defect. Ground fault by voltage or current. Fault in the power racks. Fault in the power contactors. Faults in the control boards. Communication faults of MMI and between controls. Faults in the communication networks. Programming errors. For further details and more protections implemented, refer to the programming manual.
Enclosures	Protection Degree	NEMA 12, NEMA 3R
PC connection for programming	USB Connector	USB standard Rev. 2.0 (basic speed). USB plug type B "device". Interconnecting Cable: standard host/device shielded USB cable
Environmental Conditions	Temperature	-10° a 40°C
	Altitude	Up to 1000 m above sea level. For higher altitudes, contact our sales force.
	Humidity	Air relative humidity of 5 % to 90 % non-condensing.
Standards	NBR IEC 62271-200	High voltage controlgear and switchgear - part 200: High voltage controlgear and switchgear in metal enclosure for voltages over 1 kV up to and including 52 kV
	IEC 62271-1	High-voltage switchgear and controlgear - Part 1: Common specifications
	IEC 60060-1	High-voltage test techniques. Part 1: General definitions and test requirements
	CISPR 11	Industrial, scientific and medical (ISM) radio-frequency equipment - electromagnetic disturbance characteristics - limits and methods of measurement
	IEC 61000-4-4	Electromagnetic compatibility (EMC) - Part 4: testing and measurement techniques - section 4: electrical fast transient/burst immunity test. Basic EMB publication
	IEC 61000-4-18	Electromagnetic compatibility (EMC) - Part 4-18: testing and measurement techniques - damped oscillatory wave immunity test
	NBR IEC 60529	Protection rates for electric equipment enclosures (ip code)
	UL 347	Medium Voltage AC Contactors, Controllers and Control Centers
	UL 347B	Medium Voltage Motor Controllers

GPH2

The Combination Soft Starter is a NEMA 4 Enclosed industrial general purpose AC motor soft starter package. It is designed for simple and quick installation and start-up, requiring only input power and output motor connections.

The Combination Soft Starter is built to complement the ruggedness and reliability of WEG motors, providing a complete, simple, and cost effective AC motor starting and protection solution.

Standard Features

- Rated for 300% for 30 seconds
- Rated for 450% with derating
- 5 – 175HP at 230V
- 10 – 350HP at 460V
- Wall mounted enclosures for up to 125HP @ 230V; 250HP @ 460V
- Floor Mounted enclosure for up to 150 – 175HP @ 230V, and 300 – 350HP @ 460V
- Soft Starter
- SSW07 from 17 to 412 Amps (all models with integrated AC1 by-pass)
- Circuit Breaker with Through Door Disconnect
- Control Power Transformer
- Start/Stop Pushbuttons
- Run/Fault Pilot Lights
- Hand-Off-Auto (HOA) Selector switch
- SuperDrive G2 Compatible

Note:
SSW07 models do not include keypad



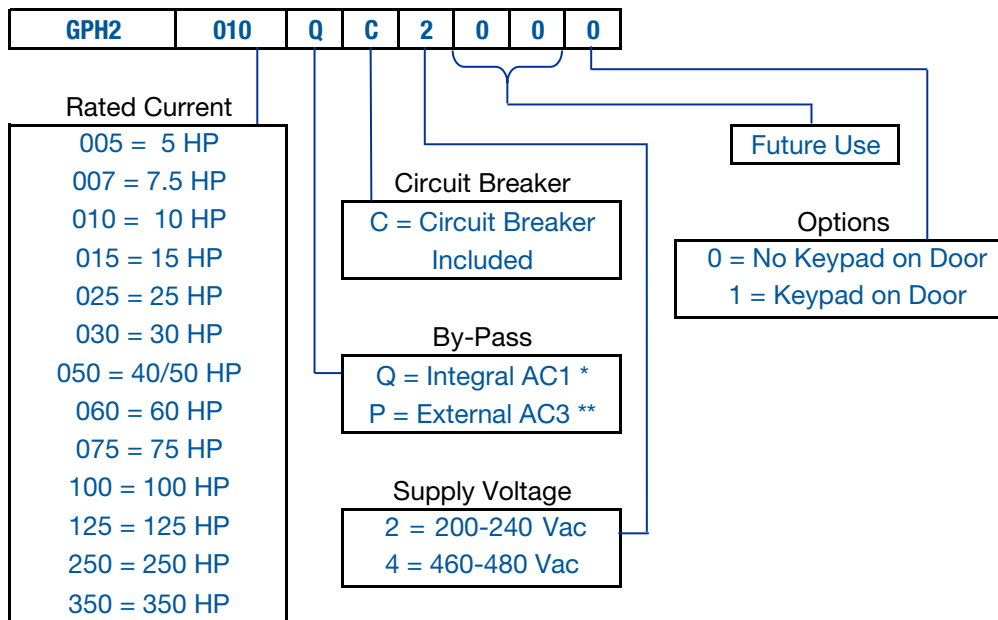
Applications

- Centrifugal Pumps
- Screw Compressors
- Centrifugal Fans
- Wood Chipper
- Veneer Lathe
- Saw
- Conveyor

Optional Features

- AC3 by-pass contactor and DOL Selector Switch
- Door mounted keypad
- 575V AC Supply
- SUSE Service Entrance Rated

GPH2 Catalog Number Sequence



* Bypass Contactor is 'Run Rated' and is integral to the soft starter

** Bypass Contactor is 'Full Rated' and mounted adjacent the soft starter inside the panel.

Table intended as reference only and not to create part numbers.

GPH2

NEMA 4 Enclosure (Standard Version – with Circuit Breaker,
Integral AC1 By-Pass and no Keypad on Door)

Motor Voltage	Motor HP ¹	Starter Amps ²	Catalog Number	Frame Size	Approx. Weight ⁴ (lbs.)	List Price	Multiplier New (Old)
230 Vac	Input Power Supply: Three-Phase 200-240 Vac						
	5	17	GPH2005QC2000	1	140	\$3,650	E1G (E1)
	7.5	24	GPH2007QC2000	1	140	\$3,750	E1G (E1)
	10	30	GPH2010QC2000	1	140	\$3,900	E1G (E1)
	15	45	GPH2015QC2000	2	150	\$4,300	E1G (E1)
	25	61	GPH2025QC2000	2	150	\$4,800	E1G (E1)
	30	85	GPH2030QC2000	2	150	\$5,800	E1G (E1)
	50	130	GPH2050QC2000	3	280	\$6,990	E1G (E1)
	60	171	GPH2060QC2000	3	280	\$7,500	E1G (E1)
	75	200	GPH2075QC2000	3	280	\$8,450	E1G (E1)
	100	255	GPH2100QC2000	4	415	\$10,700	E1G (E1)
	125	312	GPH2125QC2000	4	415	\$11,880	E1G (E1)
	150	365	GPH2150QC2000	5	610	\$12,700	E1G (E1)
	175	412	GPH2175QC2000	5	610	\$14,500	E1G (E1)
460 Vac	Input Power Supply: Three-Phase 460-480 Vac						
	10	17	GPH2010QC4000	1	140	\$3,650	E1G (E1)
	15	24	GPH2015QC4000	1	140	\$3,750	E1G (E1)
	20	30	GPH2020QC4000	1	140	\$3,900	E1G (E1)
	30	45	GPH2030QC4000	2	150	\$4,300	E1G (E1)
	40 / 50	61	GPH2050QC4000	2	150	\$4,800	E1G (E1)
	75	85	GPH2075QC4000	2	150	\$5,800	E1G (E1)
	100	130	GPH2100QC4000	3	280	\$6,990	E1G (E1)
	125	171	GPH2125QC4000	3	280	\$7,500	E1G (E1)
	150	200	GPH2150QC4000	3	280	\$8,450	E1G (E1)
	200	255	GPH2200QC4000	4	415	\$10,700	E1G (E1)
	250	312	GPH2250QC4000	4	415	\$11,880	E1G (E1)
	300	365	GPH2300QC4000	5	610	\$12,700	E1G (E1)
	350	412	GPH2350QC4000	5	610	\$14,500	E1G (E1)

NOTES:

1) "HP" rating based on FLA values from WEG W22, 2 and 4 pole, NEMA Premium motors.

2) Motor FLA may vary with speed and manufacturer. ALWAYS compare motor FLA to Nominal AMPS of the starter.

3) For other technical data please refer to WEG product manual.

4) Dimensions and weights are for estimating purposes only. Only use "AS BUILT" drawings for construction.

GPH2 panels highlighted in GREEN represent panels that are normally kept in stock.

NEMA 4 Enclosure (with Circuit Breaker, Integral AC1 By-Pass and Keypad on Door)

Motor Voltage	Motor HP ¹	Starter Amps ²	Catalog Number	Frame Size	Approx. Weight ⁴ (lbs.)	List Price	Multiplier New (Old)
230 Vac	Input Power Supply: Three-Phase 200-240 Vac						
	5	17	GPH2005QC2001	1	140	\$4,145	E1G (E1)
	7.5	24	GPH2007QC2001	1	140	\$4,245	E1G (E1)
	10	30	GPH2010QC2001	1	140	\$4,395	E1G (E1)
	15	45	GPH2015QC2001	2	150	\$4,795	E1G (E1)
	25	61	GPH2025QC2001	2	150	\$5,295	E1G (E1)
	30	85	GPH2030QC2001	2	150	\$6,295	E1G (E1)
	50	130	GPH2050QC2001	3	280	\$7,485	E1G (E1)
	60	171	GPH2060QC2001	3	280	\$7,995	E1G (E1)
	75	200	GPH2075QC2001	3	280	\$8,945	E1G (E1)
	100	255	GPH2100QC2001	4	415	\$11,195	E1G (E1)
	125	312	GPH2125QC2001	4	415	\$12,375	E1G (E1)
	150	365	GPH2150QC2001	5	610	\$13,195	E1G (E1)
	175	412	GPH2175QC2001	5	610	\$14,995	E1G (E1)
460 Vac	Input Power Supply: Three-Phase 460-480 Vac						
	10	17	GPH2010QC4001	1	140	\$4,145	E1G (E1)
	15	24	GPH2015QC4001	1	140	\$4,245	E1G (E1)
	20	30	GPH2020QC4001	1	140	\$4,395	E1G (E1)
	30	45	GPH2030QC4001	2	150	\$4,795	E1G (E1)
	40 / 50	61	GPH2050QC4001	2	150	\$5,295	E1G (E1)
	75	85	GPH2075QC4001	2	150	\$6,295	E1G (E1)
	100	130	GPH2100QC4001	3	280	\$7,485	E1G (E1)
	125	171	GPH2125QC4001	3	280	\$7,995	E1G (E1)
	150	200	GPH2150QC4001	3	280	\$8,945	E1G (E1)
	200	255	GPH2200QC4001	4	415	\$11,195	E1G (E1)
	250	312	GPH2250QC4001	4	415	\$12,375	E1G (E1)
	300	365	GPH2300QC4001	5	610	\$13,195	E1G (E1)
	350	412	GPH2350QC4001	5	610	\$14,995	E1G (E1)

NOTES:

- 1) "HP" rating based on FLA values from WEG W22, 2 and 4 pole, NEMA Premium motors.
 - 2) Motor FLA may vary with speed and manufacturer. ALWAYS compare motor FLA to Nominal AMPS of the starter.
 - 3) For other technical data please refer to WEG product manual.
 - 4) Dimensions and weights are for estimating purposes only. Only use "AS BUILT" drawings for construction.
- GPH2 panels highlighted in GREEN represent panels that are normally kept in stock.**

GPH2

NEMA 4 Enclosure (with Circuit Breaker,
External AC3 By-Pass and no Keypad on Door)

Motor Voltage	Motor HP ¹	Starter Amps ²	Catalog Number	Frame Size	Approx. Weight ⁴ (lbs.)	List Price	Multiplier New (Old)
230 Vac	Input Power Supply: Three-Phase 200-240 Vac						
	5	17	GPH2005PC2000	1	140	\$3,900	E1G (E1)
	7.5	24	GPH2007PC2000	1	140	\$4,032	E1G (E1)
	10	30	GPH2010PC2000	1	140	\$4,243	E1G (E1)
	15	45	GPH2015PC2000	2	150	\$4,865	E1G (E1)
	25	61	GPH2025PC2000	2	150	\$5,412	E1G (E1)
	30	85	GPH2030PC2000	2	150	\$6,585	E1G (E1)
	50	130	GPH2050PC2000	3	280	\$8,260	E1G (E1)
	60	171	GPH2060PC2000	3	280	\$9,013	E1G (E1)
	75	200	GPH2075PC2000	3	280	\$10,350	E1G (E1)
	100	255	GPH2100PC2000	4	415	\$12,965	E1G (E1)
	125	312	GPH2125PC2000	4	415	\$14,847	E1G (E1)
	150	365	GPH2150PC2000	5	610	\$15,706	E1G (E1)
	175	412	GPH2175PC2000	5	610	\$21,075	E1G (E1)
460 Vac	Input Power Supply: Three-Phase 460-480 Vac						
	10	17	GPH2010PC4000	1	140	\$3,900	E1G (E1)
	15	24	GPH2015PC4000	1	140	\$4,032	E1G (E1)
	20	30	GPH2020PC4000	1	140	\$4,243	E1G (E1)
	30	45	GPH2030PC4000	2	150	\$4,865	E1G (E1)
	40 / 50	61	GPH2050PC4000	2	150	\$5,412	E1G (E1)
	75	85	GPH2075PC4000	2	150	\$6,585	E1G (E1)
	100	130	GPH2100PC4000	3	280	\$8,260	E1G (E1)
	125	171	GPH2125PC4000	3	280	\$9,013	E1G (E1)
	150	200	GPH2150PC4000	3	280	\$10,350	E1G (E1)
	200	255	GPH2200PC4000	4	415	\$12,965	E1G (E1)
	250	312	GPH2250PC4000	4	415	\$14,847	E1G (E1)
	300	365	GPH2300PC4000	5	610	\$15,706	E1G (E1)
	350	412	GPH2350PC4000	5	610	\$21,075	E1G (E1)

NOTES:

1) "HP" rating based on FLA values from WEG W22, 2 and 4 pole, NEMA Premium motors.

2) Motor FLA may vary with speed and manufacturer. ALWAYS compare motor FLA to Nominal AMPS of the starter.

3) For other technical data please refer to WEG product manual.

4) Dimensions and weights are for estimating purposes only. Only use "AS BUILT" drawings for construction.

GPH2 panels highlighted in GREEN represent panels that are normally kept in stock.

NEMA 4 Enclosure (with Circuit Breaker, External AC3 By-Pass and Keypad on Door)

Motor Voltage	Motor HP ¹	Starter Amps ²	Catalog Number	Frame Size	Approx. Weight ⁴ (lbs.)	List Price	Multiplier New (Old)
230 Vac	Input Power Supply: Three-Phase 200-240 Vac						
	5	17	GPH2005PC2001	1	140	\$4,395	E1G (E1)
	7.5	24	GPH2007PC2001	1	140	\$4,527	E1G (E1)
	10	30	GPH2010PC2001	1	140	\$4,738	E1G (E1)
	15	45	GPH2015PC2001	2	150	\$5,360	E1G (E1)
	25	61	GPH2025PC2001	2	150	\$5,907	E1G (E1)
	30	85	GPH2030PC2001	2	150	\$7,080	E1G (E1)
	50	130	GPH2050PC2001	3	280	\$8,755	E1G (E1)
	60	171	GPH2060PC2001	3	280	\$9,508	E1G (E1)
	75	200	GPH2075PC2001	3	280	\$10,845	E1G (E1)
	100	255	GPH2100PC2001	4	415	\$13,460	E1G (E1)
	125	312	GPH2125PC2001	4	415	\$15,342	E1G (E1)
	150	365	GPH2150PC2001	5	610	\$16,201	E1G (E1)
	175	412	GPH2175PC2001	5	610	\$21,570	E1G (E1)
460 Vac	Input Power Supply: Three-Phase 460-480 Vac						
	10	17	GPH2010PC4001	1	140	\$4,395	E1G (E1)
	15	24	GPH2015PC4001	1	140	\$4,527	E1G (E1)
	20	30	GPH2020PC4001	1	140	\$4,738	E1G (E1)
	30	45	GPH2030PC4001	2	150	\$5,360	E1G (E1)
	40 / 50	61	GPH2050PC4001	2	150	\$5,907	E1G (E1)
	75	85	GPH2075PC4001	2	150	\$7,080	E1G (E1)
	100	130	GPH2100PC4001	3	280	\$8,755	E1G (E1)
	125	171	GPH2125PC4001	3	280	\$9,508	E1G (E1)
	150	200	GPH2150PC4001	3	280	\$10,845	E1G (E1)
	200	255	GPH2200PC4001	4	415	\$13,460	E1G (E1)
	250	312	GPH2250PC4001	4	415	\$15,342	E1G (E1)
	300	365	GPH2300PC4001	5	610	\$16,201	E1G (E1)
	350	412	GPH2350PC4001	5	610	\$21,570	E1G (E1)

NOTES:

1) "HP" rating based on FLA values from WEG W22, 2 and 4 pole, NEMA Premium motors.

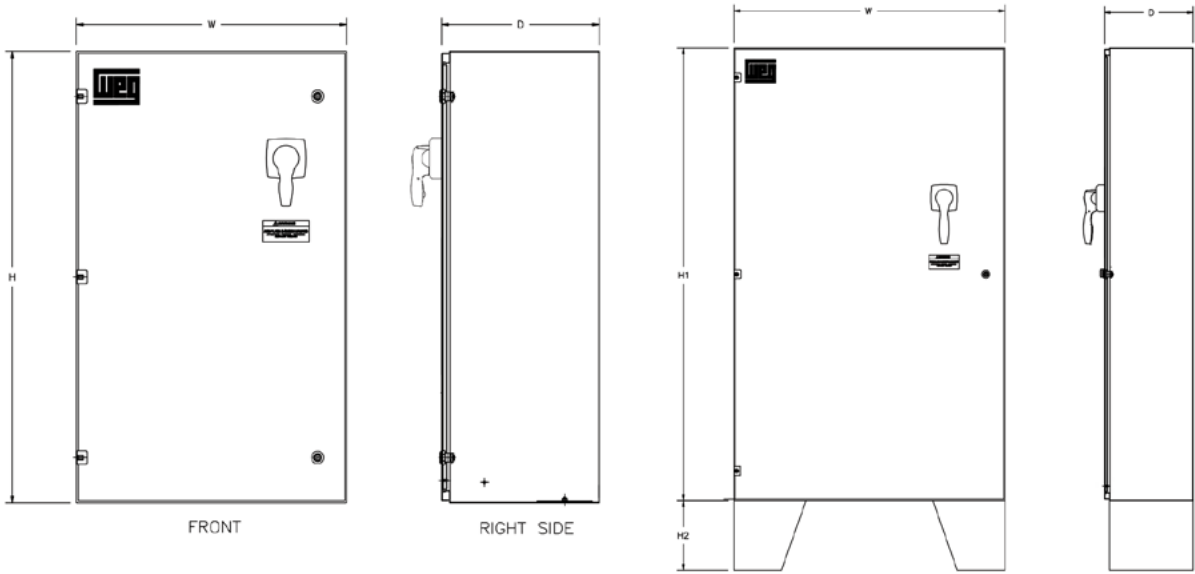
2) Motor FLA may vary with speed and manufacturer. ALWAYS compare motor FLA to Nominal AMPS of the starter.

3) For other technical data please refer to WEG product manual.

4) Dimensions and weights are for estimating purposes only. Only use "AS BUILT" drawings for construction.

GPH2 panels highlighted in GREEN represent panels that are normally kept in stock.

GPH2



Frame Sizes 1-4

Frame Size 5

GPH Dimensions

Frame	W	D	H/H1	H2	Approx. Weight (lbs)
1	16	8	24	N/A	140
2	24	12	32	N/A	150
3	24	14	40	N/A	280
4	32	16	48	N/A	415
5	36	16	60	12	610

NOTES: H1 + H2 = overall height



NOTES:

Data is subject to change without notice.

APS9 (All Purpose Soft Starter Panel)

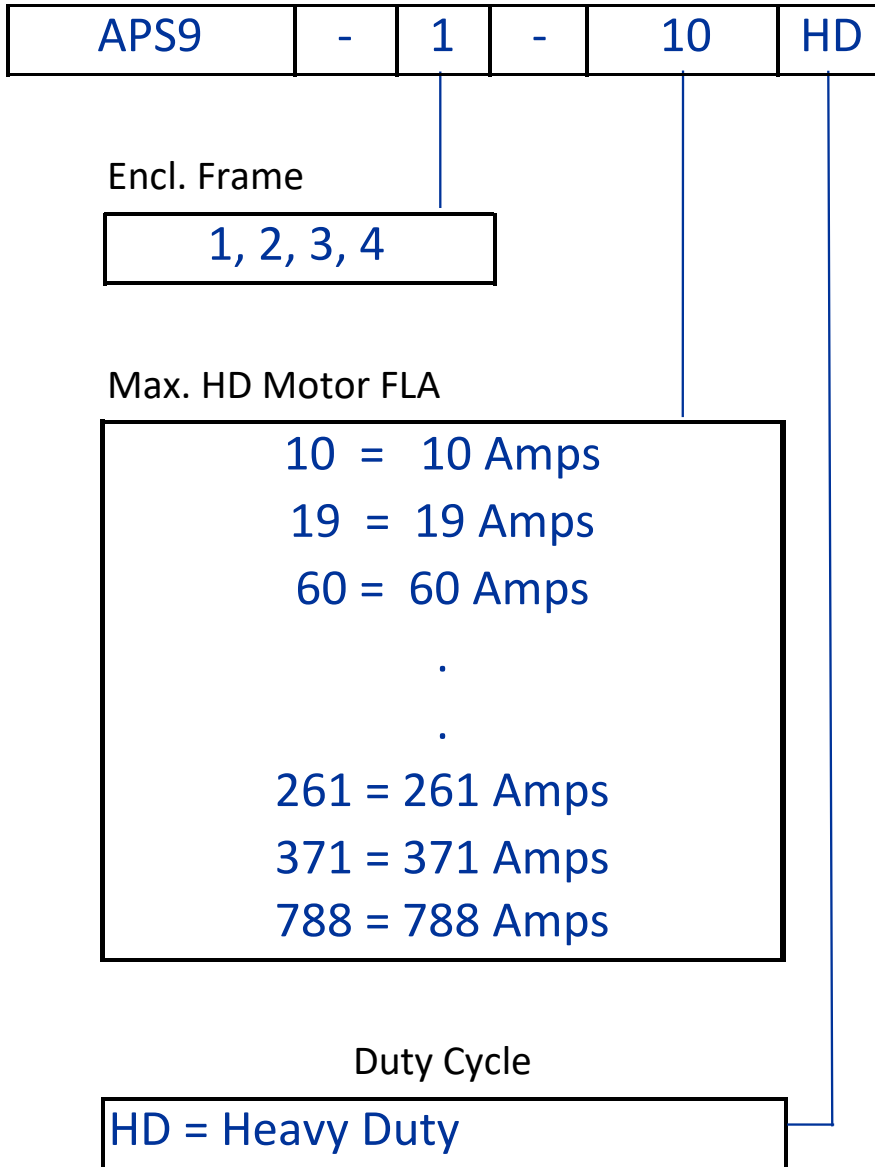
The WEG All Purpose Soft Starter (APS9) is designed to meet a wide range of soft starting application needs, having ratings for both the most demanding Heavy Duty (HD) applications and standard Normal Duty (ND) applications. The 1.15 service factor and 65kaic interrupting rating coupled with an outdoor friendly heavy duty, white, UL Type 12/3R/4 enclosure, make the APS9 suitable to install anywhere, indoor or outdoor, including wash down locations. The full start rated (AC3) bypass starter provides direct on-line starting in emergency situations. The full suite of door operators, and Bluetooth keypad provides all the options you will need to meet any control situation. From rock crushers to irrigation pumps, the APS9 is your one solution for all critical starting applications.

Standard Features

- Built with WEG Next generation new SSW900 soft starter.
- Rated for 65KA SCCR as a standard.
- Input voltage: 208/230/460VAC. (460VAC as a standard. CPT wiring modification needed for 208 or 230VAC input voltage).
- Dual duty rated soft starter panel, unique concept in the market:
 - Normal Duty: 350% for 30s. 1.00 SF.
 - Heavy Duty: 450% for 30s. 1.15 SF.
- UL 3R/4/12 rated White heavy duty rated enclosure suitable for dusty, wet or outdoor applications.
- Narrow design requires less space, floor mounting of enclosure available with optional leg kit.
- Main 65KA rated Circuit Breaker with through the door rotary handle.
- Service Entrance Rated.
- Full HP rated AC3 emergency bypass contactor with Class-30 overload relay helps to start and run the motor across the line in case of soft starter failure.
 - “Soft Starter-off-Bypass” selector switch mounted inside an enclosure.
- Fused Control Power Transformer (208/230/460VAC - 120VAC).
- Electronic circuit board with wire harnesses to replace most of the control wiring; makes it easier and faster to replace the components.
- Termination for customer supplied remote Start/Stop & External interlock dry contacts.
- “Motor running” and “system fault” dry contacts available for customer use.
- Enclosure door mounted:
 - SSW900 Soft starter graphical keypad with RTC, “Help” Menu, USB port & built-in Bluetooth (Bluetooth allows easy programming & monitoring of SSW900 using Cell phone app “WEG WPS”)
 - “Hand-Off-Auto” Selector switch.
 - “Start” illuminated (Run light) PB, “Stop” PB, E-stop PB, “SSW Reset” Illuminated (System Fault light) PB.
- Power On, Bypass Enabled & External interlock disabled Pilot lights.



APS9 Catalog Number Sequence



APS9 - All Purpose Soft Starter Panel

UL TYPE 12/3R/4 Enclosure

HEAVY DUTY (H.D.) ¹ - 1.15 SF 450% FLA for 30 Seconds				NORMAL DUTY (N.D.) ² - 1.00 SF 350% FLA for 30 Seconds				Catalog Number	Enclosure Frame	Approx. Weight (Lb)	List Price	Multiplier
H.D.-MAX. MOTOR FLA	MOTOR HP ³			N.D.-MAX. MOTOR FLA	MOTOR HP ³							
	460VAC	230VAC	208VAC		460VAC	230VAC	208VAC					
10	5	3	2	10	5	3	2	APS9-1-10HD	1	150	\$10,775	K2
19	10	5	5	22	15	7.5	5	APS9-1-19HD		150	\$10,950	K2
31	20	10	10	40	30	10	10	APS9-1-31HD		155	\$11,325	K2
43	30	15	10	55	40	20	15	APS9-1-43HD		155	\$11,495	K2
60	40	20	20	77	60	25	25	APS9-1-60HD		155	\$11,950	K2
77	60	25	25	97	75	30	30	APS9-1-77HD		155	\$12,250	K2
96	75	30	30	120	100	40	40	APS9-1-96HD		155	\$13,575	K2
125	100	40	40	161	125	60	50	APS9-1-125HD		175	\$14,250	K2
156	125	60	50	180	150	60	60	APS9-2-156HD	2	210	\$15,475	K2
185	150	60	60	238	200	75	75	APS9-2-185HD		230	\$16,650	K2
261	200	100	75	300	250	100	100	APS9-3-261HD	3	275	\$20,500	K2
302	250	100	100	383	300	150	125	APS9-3-302HD		310	\$22,875	K2
371	300	150	125	477	400	150	150	APS9-3-371HD ⁴		360	\$27,075	K2
481	400	200	150	619	500	250	200	APS9-4-481HD	4	975	\$34,950	K2
551	450	200	200	708	600	250	-	APS9-4-551HD		975	\$38,975	K2
616	500	250	-	792	700	300	-	APS9-4-616HD		1060	\$43,650	K2
788	700	300	-	960	800	400	-	APS9-4-788HD		1060	\$55,150	K2

NOTES:

1) H.D. = Heavy Duty (450% for 30s), 1.15 S.F. Application Example Crusher, Conveyor, Shredder, Chipper, Ball/Hammer Mill etc.

2) N.D. = Normal Duty (350% for 30s), 1.0 S.F.

3) The above "HP" ratings are based on motor FLAs as listed in NEC Table 430-150. Please select the APS9 panel by comparing actual motor FLA with "Max. Motor FLA" for a given voltage & application type (H.D./N.D.).

4) All APS9 panels are rated for 65KA SCCR except "APS9-3-371HD" which is rated for 18KA SCCR. This model will be upgraded to 65KA SCCR soon.

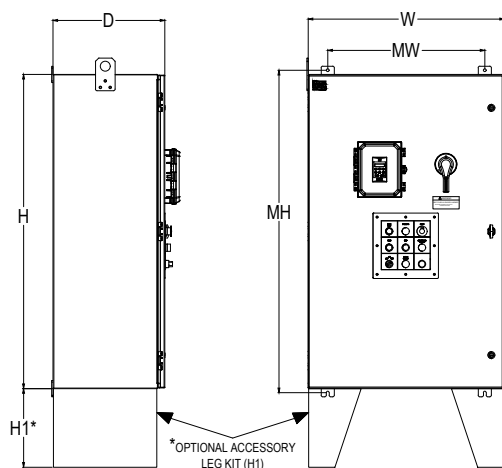
APS9 panels highlighted in GREEN represent panels that are normally kept in stock.

Accessories

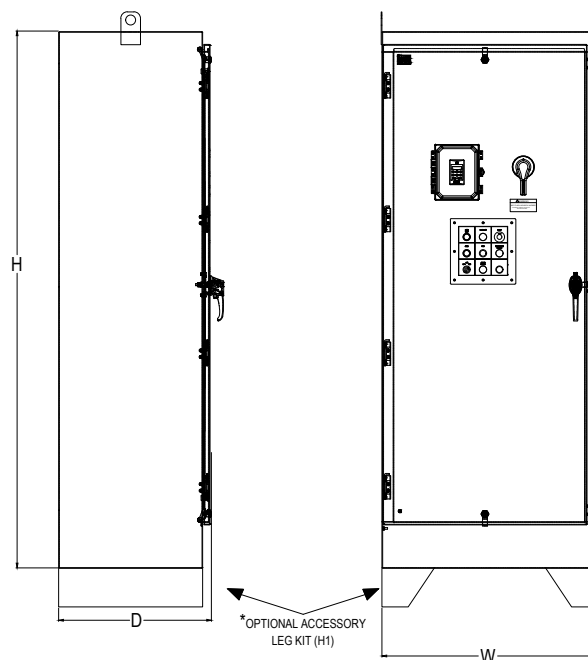
Type	Catalog Number	Description	List Price	Multiplier
Leg kit for floor mounting	WENCL-ESL16-06-00	6" Tall Leg kit for APS9 enclosure frame-1 or 3, supplied loose	\$525	K2
	WENCL-ESL18-06-00	6" Tall Leg kit for APS9 enclosure frame-2, supplied loose	\$550	K2
	WENCL-ESL22-06-00	6" Tall Leg kit for APS9 enclosure frame-4, supplied loose	\$609	K2
	WENCL-ESL16-12-00	12" Tall Leg kit for APS9 enclosure frame-1 or 3, supplied loose	\$690	K2
	WENCL-ESL18-12-00	12" Tall Leg kit for APS9 enclosure frame-2, supplied loose	\$730	K2

APS9 ENCLOSURE FRAME SIZE:

Enclosure Frame: 1, 2 & 3



Enclosure Frame: 4



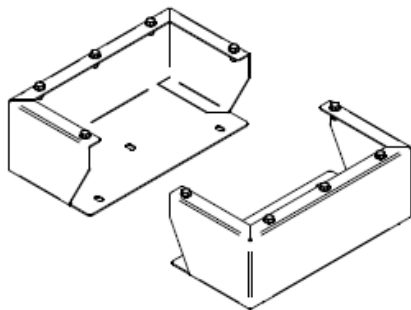
ENCL. FRAME	W (in)	D (in)	H (in)	H1* (in)	MH (in)	MW (in)	MOUNTING
1	20	16	32	6/12	33.25	14	Wall (Floor with optional 6" or 12" tall floor kit)
2	24	18	37	6/12	38.25	18	
3	30	16	48	6/12	49.25	24	
4	33	22	82	6	-	-	Free Standing

* Optional Leg Kit Accessory 6" or 12" Tall

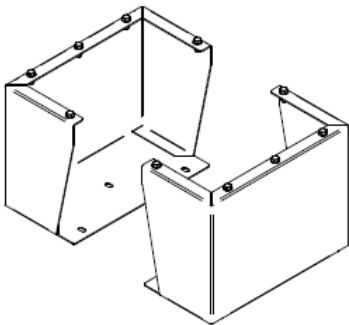
APS9 - All Purpose Soft Starter Panel

Optional Accessories - Leg Kits

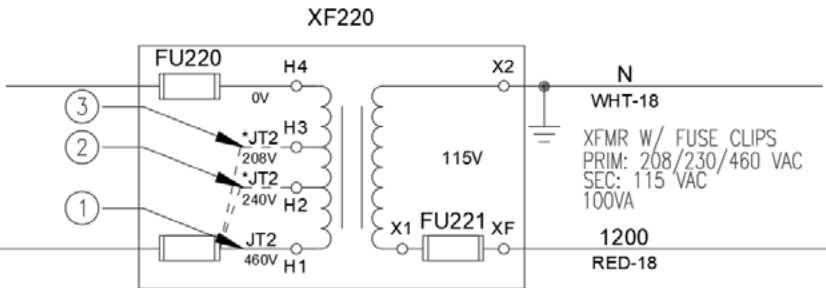
6" Tall Leg Kit



12" Tall Leg Kit



Conversion from 3/460VAC to 3/230VAC or 3/208VAC Supply Voltage:



NOTE: CONTROL POWER TRANSFORMER IS CONFIGURED FROM FACTORY AS 460–480V INPUT SUPPLY VOLTAGE.

CUSTOMER MUST RECONFIGURE FOR 208V OR 230–240V INPUT SUPPLY VOLTAGE BY RETERMINATING XF220 JUMPER 'JT2' ONTO COORESPONDING PIN.

SEE TRANSFORMER CONFIGURATION TABLE

TRANSFORMER CONFIGURATION TABLE			200VA FUSE SIZE	
	XF220 INPUT SUPPLY VOLTAGE	JT2* WIRING PIN	*FU220 (CC)	**FU221 (MIDGET)
①	460 VAC (DEFAULT)	H1	2.0 A	2.75 A
②	230 VAC	H2		
③	208 VAC	H3		



NOTES:

[illegible]

WEG Motion Fleet Management

Condition Monitoring of the fleet

Developed to bring more practicality and agility in the operation, maintenance and management of industrial plants, the WEG Motion Fleet Management is the ideal solution to monitor and raise the availability of the industrial fleet. Based on “cloud computing” technology, asset monitoring can be followed at any time and from anywhere in the world.

Diagnostics & Integration

Specialist
Advanced diagnostics algorithms for failures and consumption analysis

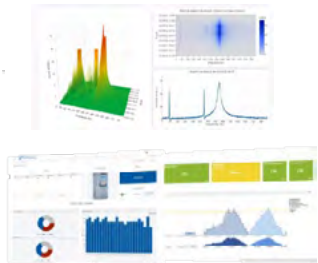


Exchange
Integration with third party systems and platforms via REST API



Application & Management

Management
Asset monitoring and management. Data storage, maintenance notifications, reports, intuitive dashboard...



WEGscans & Gateways



WEGscan & Gateway



WEGscan 1000 & 1001



WEGscan 4000

Assets



WEG Motion Fleet Management

With WEG Motion Fleet Management it is possible to know the operational status of electric motors, low and medium voltage variable speed drive and soft-starters, smart relay starting WEG(SRW), gearboxes, gearmotors, compressors, among other assets, which are applied in any type of industry or installation. Through periodic data collection and advanced data processing, both at the edge and in the cloud, valuable insights are generated. This way, it is possible to establish predictive maintenance plans, observing the operational condition of the fleet (condition-based maintenance). This approach reduces the number of unplanned stops, optimizes repair actions, and speeds up the decision-making process for the operation and maintenance team. The result is increased availability and reduced total cost of ownership (TCO) of the drive fleet.

Main features of WEG MFM Solution

- Dedicated and robust hardware for data acquisition;
- Data processing at the edge and in the cloud;
- Periodic fleet reports;
- Creation and management of maintenance orders;
- Asset prioritization tool;
- Specialist Modules with Analytics and Artificial Intelligence for fault diagnosis;
- Exchange modules for data integration with other platforms (via Web Service REST).

Advantages and Benefits of the WMFM Solution

- Monitoring of several assets and plants in a single environment;
- Ecosystem in constant development, both hardware and software;
- Fleet management view with reports and indicators;
- Ready-to-use solution, just register the WEG Scans in the application and use it;
- Customized layouts for navigation at various levels (geolocation, site, plant, device);
- Definition of favorite assets for easy tracking of their status; Daily notifications of assets in alert and/or critical state (via e-mail);
- Customization of tolerances to generate alerts and notifications;
- Enables maintenance management based on the operational condition of the assets;
- Dashboards with indicators, graphics, and history of measured data;
- Screens for user and subscription management;
- Flexible solution available to service providers;
- Operational cost reduction (TCO, Total Cost of Ownership);
- Multi-language application.

Weg Motion Fleet Management

Sensors and Accessories

Catalog Number	Mat. #	Description	List Price	Multiplier
SENSOR				
WMSC-1-MFM-M ¹	15710102	WEG Motor Scan Sensor with 1 year of Management Subscription	\$380	E4
WMSC-1-MFM-S	15956243	WEG Motor Scan Sensor with 1 year of Management & Specialist Subscriptions	\$380	E4
WMSC-2-MFM-S	16115533	WEG Motor Scan Sensor with 2 year of Management & Specialist Subscriptions	\$580	E4
WEGSCAN 100-1-MFM-S	16437262	WEGscan 100 Sensor with 1 year of Management & Specialist Subscriptions (Gen-2 Product)	\$450	E4
WEGSCAN 101-1-MFM-S	16437478	WEGscan 101 Sensor with 1 year of Management and Specialist Subscriptions, external 10-24 Vdc/ac power operated (Gen-2 Product)	\$450	E4
ED300-DSLV-2P2SE-W-POE	15474014	WEGscan 1000 with 1 year of Management Subscription for WEG LV Drives & soft starters: CFW100/300/500/11; SSW900 NOTE: 1 year of Management Subscriptions for 10 WEG LV Drives/Soft starters included. Up to 20 WEG LV Drives/soft starters can be connected, 10 via RS485 - Modbus RTU & and 10 via Modbus TCP.	\$2,390	E4
ED300-DSMV-2P2SE-W-POE	15474012	WEGscan 1001 with 1 year of Management Subscription for WEG MV Drives & soft starters: MVW01/3000; SSW7000 NOTE: 1 year of Management Subscriptions for 5 WEG MV Drives/Soft starters included. Up to 10 WEG MV Drives/soft starters can be connected, 5 via RS485 - Modbus RTU & and 5 via Modbus TCP.	\$2,390	E4
GATEWAY				
MOTOR-SCAN GATEWAY ²	15823501	Motor Scan Gateway, X1000	\$2,430	E4
CASSIA X2000	16214567	Gateway for WEGscan 100 / WEG Motor Scan (Gen-2 Product)	\$3,495	E4
SENSOR ACCESSORIES				
FIXING KIT WMS-50	16280148	Intermediate base to affix WEG Motor Scan onto asset surface, a pack of 50 pcs	\$505	E4
FIXING KIT WEGSCAN 100	17197894	Intermediate base to affix WEGscan 100 onto asset surface, a pack of 50 pcs	\$380	E4
BATTERY KIT WEGSCAN 100	17197896	A pack of 20 pcs of WEGscan 100 batteries (Two batteries needed per WEGscan 100)	\$370	E4
WEGSCAN-GLUE-GUN	17625068	Glue Applicator Gun to glue the WEGscan 100/101 on the asset surface	\$480	E4
PROTECTIVE-COVER	17541794	A kit of 10 pcs of Silicone Protective Cover for WEGscan 100	\$210	E4
CABLE M8-4P ST-F	17526312	WEGscan 101 Power Supply Cable	\$55	E4

NOTE:

- 1) This sensor is no longer available. If not in stock, please use the same sensor with the Management & Specialist subscriptions, WMSC-1-MFM-S / WMSC-2-MFM-S, instead.
 2) This Gateway is no longer available. If not in stock, please use the next-generation Gateway "CASSIA X2000" instead. It is compatible with WEG Motor Scan and WEGscan 100.



(WEG Motor Scan)
WMSC-1-MFM-M



(WEGscan 100)
WEGSCAN 100-1-MFM-S



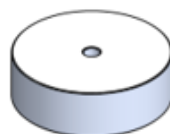
(WEGscan 1000 / 1001)
(LV/MV Drive Scan)
ED300-DSLV-2P2SE-W-POE
ED300-DSMV-2P2SE-W-POE



(GATEWAY)
CASSIA X2000



FIXING KIT WMS-50
(One piece shown)



FIXING KIT WEGSCAN 100
(One piece shown)



BATTERY KIT WEGSCAN 100
(One piece shown)

WEG Motion Fleet Management Subscriptions

Catalog Number	Mat. #	Description	List Price	Multiplier
MANAGEMENT SUBSCRIPTION				
WMF-MGMT-1-ASSET	80002160	1 yr Management subscription for WEG Motor Scan & WEGScan 100	\$192	E4
WMF-MGMT-2-ASSET	80002169	2 yr Management subscription for WEG Motor Scan & WEGScan 100	\$384	E4
WMF-MGMT-1-DRIVE LV	80002209	1 yr Management subscription for WEG LV Drive Scan (WEGScan 1000)	\$192	E4
WMF-MGMT-2-DRIVE LV	80002210	2 yr Management subscription for WEG LV Drive Scan (WEGScan 1000)	\$384	E4
WMF-MGMT-1-DRIVE MV	80002219	1 yr Management subscription for WEG MV Drive Scan (WEGScan 1001)	\$192	E4
WMF-MGMT-2-DRIVE MV	80002220	2 yr Management subscription for WEG MV Drive Scan (WEGScan 1001)	\$384	E4
SPECIALIST SUBSCRIPTION				
WMF-SPEC-1-MOTOR	80002161	1 yr Specialist Module subscription for WEG Motor Scan / WEGScan 100	\$78	E4
WMF-SPEC-2-MOTOR	80002170	2 yr Specialist Module subscription for WEG Motor Scan / WEGScan 100	\$156	E4
WMF-SPEC-1-DRIVE LV	80002646	1 yr Specialist Module subscription for WEG LV Drive Scan (WEGScan 1000)	\$78	E4
WMF-SPEC-2-DRIVE LV	80002647	2 yr Specialist Module subscription for WEG LV Drive Scan (WEGScan 1000)	\$156	E4
EXCHANGE SUBSCRIPTION				
WMF-EXCH-BASIC-1	80002640	Basic Exchange Module subscription for MFM - 1 yr, 10,000 calls / Month	\$1,377	E4
WMF-EXCH-BASIC-2	80002643	Basic Exchange Module subscription for MFM - 2 yr, 10,000 calls / Month	\$2,754	E4
WMF-EXCH-STANDARD-1	80002641	Standard Exchange Module subscription for MFM - 1 yr, 50,000 calls / Month	\$2,523	E4
WMF-EXCH-STANDARD-2	80002644	Standard Exchange Module subscription for MFM - 2 yr, 50,000 calls / Month	\$5,046	E4
WMF-EXCH-PLUS-1	80002642	Exchange Plus Module subscription for MFM - 1 yr, 100,000 calls / Month	\$3,785	E4
WMF-EXCH-PLUS-2	80002645	Exchange Plus Module subscription for MFM - 2 yr, 100,000 calls / Month	\$7,570	E4

SSW06 Soft Starters

SSW900 Soft Starters

Motor Voltage	Motor HP ¹	Starter Amps ²	Duty Cycle	SSW06 Catalog Number		Motor HP ¹	Starter Amps ²	Duty Cycle	SSW900 Catalog Number	List Price	Multiplier New (Old)
3-Ph, 230VAC	Input Power Supply: Three-Phase 200-240 Vac										
	3	10	300%, 30 s, 10 Starts/hr, 55°C	SSW060010T2257ESZ		3	10	300%, 30 s, 10 Starts/hr, 55°C	SSW900A0010T5E2B	\$1,386	E19 (E1)
	5	16		SSW060016T2257ESZ		5	17		SSW900A0017T5E2B	\$1,429	E19 (E1)
	7.5	23		SSW060023T2257ESZ		7.5	24		SSW900A0024T5E2B	\$1,572	E19 (E1)
	10	30		SSW060030T2257ESZ		10	30		SSW900A0030T5E2B	\$1,703	E19 (E1)
	15	45		SSW060045T2257ESZ		15	45		SSW900B0045T5E2B ³	\$1,976	E19 (E1)
	20	60		SSW060060T2257ESZ		20	61		SSW900B0061T5E2B ³	\$2,181	E19 (E1)
	25 / 30	85		SSW060085T2257ESZ		25 / 30	85		SSW900B0085T5E2B ³	\$2,771	E19 (E1)
	-	-		-		40	105		SSW900B0105T5E2B ³	\$3,160	E19 (E1)
	50	130		SSW060130T2257ESZ		50	130		SSW900C0130T5E2B ³	\$3,547	E19 (E1)
	60	170		SSW060170T2257ESZ		60	171		SSW900C0171T5E2B ³	\$4,270	E19 (E1)
	75	205		SSW060205T2257ESZ		75	200		SSW900C0200T5E2B ³	\$5,354	E19 (E1)
	100	255		SSW060255T2257ESZ		100	255		SSW900D0255T5E3B	\$7,188	E19 (E1)
	125	312		SSW060312T2257ESZ		125	312		SSW900D0312T5E3B	\$7,896	E19 (E1)
	150	365		SSW060365T2257ESZ		150	365		SSW900D0365T5E3B	\$8,721	E19 (E1)
	150	412		SSW060412T2257ESZ		150	412		SSW900D0412T5E3B	\$9,465	E19 (E1)
	200	480	300%, 30 s, 5 Starts/hr, 40°C	SSW060480T2257ESZ		200	480	300%, 30 s, 5 Starts/hr, 40°C	SSW900E0480T5E3B ⁴	\$11,730	E19 (E1)
	250	604		SSW060604T2257ESZ		250	604		SSW900E0604T5E3B ⁴	\$13,082	E19 (E1)
	250	670		SSW060670T2257ESZ		250	670		SSW900E0670T5E3B ⁴	\$14,878	E19 (E1)
	350	820		SSW060820T2257ESZ		350	820		SSW900F0820T5E3B ⁴	\$17,573	E19 (E1)
	400	950		SSW060950T2257ESH1Z		400	950		SSW900F0950T5E3B	\$26,592	E19 (E1)
	450	1100		SSW061100T2257ESH2Z		450	1100		SSW900G1100T5E3B	\$33,351	E19 (E1)
550	1400	SSW061400T2257ESH2Z			550	1400	SSW900G1400T5E3B		\$42,863	E19 (E1)	
Input Power Supply: Three-Phase 460 Vac											
3-Ph, 460VAC	5	10	300%, 30 s, 10 Starts/hr, 55°C	SSW060010T2257ESZ		5	10	300%, 30 s, 10 Starts/hr, 55°C	SSW900A0010T5E2B	\$1,386	E19 (E1)
	10	16		SSW060016T2257ESZ		10	17		SSW900A0017T5E2B	\$1,429	E19 (E1)
	15	23		SSW060023T2257ESZ		15	24		SSW900A0024T5E2B	\$1,572	E19 (E1)
	20	30		SSW060030T2257ESZ		20	30		SSW900A0030T5E2B	\$1,703	E19 (E1)
	30	45		SSW060045T2257ESZ		30	45		SSW900B0045T5E2B ³	\$1,976	E19 (E1)
	40	60		SSW060060T2257ESZ		40	61		SSW900B0061T5E2B ³	\$2,181	E19 (E1)
	50/60/75	85		SSW060085T2257ESZ		50/60/75	85		SSW900B0085T5E2B ³	\$2,771	E19 (E1)
	-	-		-		75	105		SSW900B0105T5E2B ³	\$3,160	E19 (E1)
	100	130		SSW060130T2257ESZ		100	130		SSW900C0130T5E2B ³	\$3,547	E19 (E1)
	125	170		SSW060170T2257ESZ		125	171		SSW900C0171T5E2B ³	\$4,270	E19 (E1)
	150	205		SSW060205T2257ESZ		150	200		SSW900C0200T5E2B ³	\$5,354	E19 (E1)
	200	255		SSW060255T2257ESZ		200	255		SSW900D0255T5E3B	\$7,188	E19 (E1)
	250	312		SSW060312T2257ESZ		250	312		SSW900D0312T5E3B	\$7,896	E19 (E1)
	300	365		SSW060365T2257ESZ		300	365		SSW900D0365T5E3B	\$8,721	E19 (E1)
	350	412		SSW060412T2257ESZ		350	412		SSW900D0412T5E3B	\$9,465	E19 (E1)
	400	480	300%, 30 s, 5 Starts/hr, 40°C	SSW060480T2257ESZ		400	480	300%, 30 s, 5 Starts/hr, 40°C	SSW900E0480T5E3B ⁴	\$11,730	E19 (E1)
	500	604		SSW060604T2257ESZ		500	604		SSW900E0604T5E3B ⁴	\$13,082	E19 (E1)
	550	670		SSW060670T2257ESZ		600	670		SSW900E0670T5E3B ⁴	\$14,878	E19 (E1)
	700	820		SSW060820T2257ESZ		700	820		SSW900F0820T5E3B ⁴	\$17,573	E19 (E1)
	800	950		SSW060950T2257ESH1Z		800	950		SSW900F0950T5E3B	\$26,592	E19 (E1)
	900	1100		SSW061100T2257ESH2Z		900	1100		SSW900G1100T5E3B	\$33,351	E19 (E1)
	1200	1400		SSW061400T2257ESH2Z		1200	1400		SSW900G1400T5E3B	\$42,863	E19 (E1)

NOTES:

1) "HP" rating based on FLA values from WEG W22, 2 and 4 pole, NEMA Premium motors.

2) Motor FLA may vary with speed and manufacturer. ALWAYS compare motor FLA to Nominal AMPS of the starter.

3) Must be used with ventilation kit.

4) Please note duty cycle and ambient temperature rating difference between SSW06 and SSW900 models. The SSW06 is rated for 300%, 30s, 10 starts/hr @ 55°C and SSW900 is rated for 300%, 30s, 5 starts/hr @ 40°C

SSW06 Soft Starters

SSW900 Soft Starters

Motor Voltage	Motor HP ¹	Starter Amps ²	Duty Cycle	SSW06 Catalog Number		Motor HP ¹	Starter Amps ²	Duty Cycle	SSW900 Catalog Number	List Price	Multiplier New (Old)
3-Ph, 575VAC	Input Power Supply: Three-Phase 575 Vac										
	7.5	10	300%, 30 s, 10 Starts/hr, 55°C	SSW060010T2257ESZ		7.5	10	300%, 30 s, 10 Starts/hr, 55°C	SSW900A0010T5E2B	\$1,386	E19 (E1)
	15	16		SSW060016T2257ESZ		15	17		SSW900A0017T5E2B	\$1,429	E19 (E1)
	20	23		SSW060023T2257ESZ		20	24		SSW900A0024T5E2B	\$1,572	E19 (E1)
	30	30		SSW060030T2257ESZ		30	30		SSW900A0030T5E2B	\$1,703	E19 (E1)
	40	45		SSW060045T2257ESZ		40	45		SSW900B0045T5E2B ³	\$1,976	E19 (E1)
	60	60		SSW060060T2257ESZ		60	61		SSW900B0061T5E2B ³	\$2,181	E19 (E1)
	75	85		SSW060085T2257ESZ		75	85		SSW900B0085T5E2B ³	\$2,771	E19 (E1)
	-	-		-		100	105		SSW900B0105T5E2B ³	\$3,160	E19 (E1)
	125	130		SSW060130T2257ESZ		125	130		SSW900C0130T5E2B ³	\$3,547	E19 (E1)
	150	170		SSW060170T2257ESZ		150	171		SSW900C0171T5E2B ³	\$4,270	E19 (E1)
	200	205		SSW060205T2257ESZ		200	200		SSW900C0200T5E2B ³	\$5,354	E19 (E1)
	250	255		SSW060255T2257ESZ		250	255		SSW900D0255T5E3B	\$7,188	E19 (E1)
	300	312		SSW060312T2257ESZ		300	312		SSW900D0312T5E3B	\$7,896	E19 (E1)
	350	365		SSW060365T2257ESZ		350	365		SSW900D0365T5E3B	\$8,721	E19 (E1)
	450	412		SSW060412T2257ESZ		450	412		SSW900D0412T5E3B	\$9,465	E19 (E1)
	500	480	300%, 30 s, 5 Starts/hr, 40°C	SSW060480T2257ESZ		500	480	SSW900E0480T5E3B ⁵	\$11,730	E19 (E1)	
	650	604		SSW060604T2257ESZ		650	604	SSW900E0604T5E3B ⁵	\$13,082	E19 (E1)	
	750	670		SSW060670T2257ESZ		750	670	SSW900E0670T5E3B ⁵	\$14,878	E19 (E1)	
	850	820		SSW060820T2257ESZ		850	820	SSW900F0820T5E3B ⁵	\$17,573	E19 (E1)	
	1050	950		SSW060950T2257ESH1Z		1050	950	SSW900F0950T5E3B	\$26,592	E19 (E1)	
	1200	1100		SSW061100T2257ESH2Z		1200	1100	SSW900G1100T5E3B	\$33,351	E19 (E1)	
	1500	1400		SSW061400T2257ESH2Z		1500	1400	SSW900G1400T5E3B	\$42,863	E19 (E1)	
3-Ph, 690VAC ⁴	Input Power Supply: Three-Phase 690 Vac										
	50	45	300%, 30 s, 10 Starts/hr, 55°C	SSW060045T5769ESZ		-	-	-	-	-	-
	75	60		SSW060060T5769ESZ		-	-	-	-	-	-
	100	85		SSW060085T5769ESZ		-	-	-	-	-	-
	150	130		SSW060130T5769ESZ		150	130	300%, 30 s, 10 Starts/hr, 55°C	SSW900C0130T6E2B ³	\$4,529	E19 (E1)
	200	170		SSW060170T5769ESZ		200	171		SSW900C0171T6E2B ³	\$5,705	E19 (E1)
	250	205		SSW060205T5769ESZ		250	200		SSW900C0200T6E2B ³	\$7,172	E19 (E1)
	300	255		SSW060255T5769ESZ		300	255		SSW900D0255T6E3B	\$8,242	E19 (E1)
	400	312		SSW060312T5769ESZ		400	312		SSW900D0312T6E3B	\$8,948	E19 (E1)
	450	365		SSW060365T5769ESZ		450	365		SSW900D0365T6E3B	\$9,299	E19 (E1)
	550	412		SSW060412T5769ESZ		550	412		SSW900D0412T6E3B	\$11,181	E19 (E1)
	600	480		SSW060480T5769ESZ		600	480	300%, 30 s, 5 Starts/hr, 40°C	SSW900E0480T6E3B ⁵	\$13,841	E19 (E1)
	750	604		SSW060604T5769ESZ		750	604		SSW900E0604T6E3B ⁵	\$15,439	E19 (E1)
	850	670		SSW060670T5769ESZ		850	670		SSW900E0670T6E3B ⁵	\$14,932	E19 (E1)
	1000	820		SSW060820T5769ESZ		1000	820		SSW900F0820T6E3B ⁵	\$17,646	E19 (E1)
	1200	950	SSW060950T5769ESH1Z		1200	950	SSW900F0950T6E3B		\$28,794	E19 (E1)	
	1400	1100	SSW061100T5769ESH2Z		1400	1100	SSW900G1100T6E3B		\$34,673	E19 (E1)	
	1700	1400	SSW061400T5769ESH2Z		1700	1400	SSW900G1400T6E3B		\$44,509	E19 (E1)	

NOTES:

- 1) "HP" rating based on FLA values from WEG W22, 2 and 4 pole, NEMA Premium motors.
- 2) Motor FLA may vary with speed and manufacturer. ALWAYS compare motor FLA to Nominal AMPS of the starter.
- 3) Must be used with ventilation kit.
- 4) The 690VAC Soft Starters are not "UL Listed" and are non-stocked items. Please consult WEG for availability.
- 5) Please note duty cycle and ambient temperature rating difference between SSW06 and SSW900 models. The SSW06 is rated for 300%, 30s, 10 starts/hr @ 55°C and SSW900 is rated for 300%, 30s, 5 starts/hr @ 40°C.



NOTES:

Data is subject to change without notice.