

GPH2

Combination Soft Starters



GPH2 – Combination Soft Starter

5to 350 HP

The Combination Soft Starter is a NEMA 4/12 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.

Applications

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

Notes:

“HP” rating based on “average FLA values”.
Use as a guide only.
Motor FLA may vary with speed and manufacturer.
ALWAYS compare motor FLA to Nominal AMPS and Max Continuous AMPS of starter.

Standard Panel Includes:

- Soft Starter:
 - SSW07 from 17 to 412Amps (all models with integrated AC1 by-pass).
- Circuit Breaker with Through Door Disconnect
- Control Power Transformer
- Start/Stop Pushbuttons
- Run/Fault Pilot Lights

Standard Features

- Rated for 450%
- 5 – 175HP at 230V
- 10 – 350HP at 460V
- Wall mounted enclosures for up to 125HP@230V
- Floor Mounted enclosure for up to 250HP@460V, 150 – 175HP@230V, 300 – 350HP@460V

Notes: SSW07 models do not include keypad

Optional Features

- AC3 by-pass contactor and DOL Selector Switch
- Door mounted keypad
- 575V

SuperDrive G2 Compatible

GPH2 – Combination Soft Starter

5 to 350 HP

Coding

1 GPH2	2 005	3 Q	4 C	5 2	6 0	7 0	8 0
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1. GPH2 series

2. Horse Power

005 = 5 HP

200 = 200 HP

350 = 350 HP

3. By-pass

Q = built-in AC1 (run rated contactor)

P = external AC3 (full rated contactor)

4. Circuit Breaker:

C = includes circuit breaker

5. Input Voltage

2 = 200-240VAC

4 = 460-480VAC

6. Future use

0 = Future use

7. Future use

0 = Future use

8. Keypad

0 = No keypad on door

1 = Includes keypad on door



Soft Starters GPH2

GPH2 Series - NEMA 4/12 Enclosure

Motor Volts	Motor HP	Starter AMPS	Catalog Number	Frame	App. Shpg. Wt. (lbs.)	List Price	Multiplier Symbol
200V - 240V	INPUT POWER SUPPLY: THREE-PHASE - 200V - 240V						
	5	17	GPH2005QC2000	A	140	\$3,650	E1
	7.5	24	GPH2007QC2000		140	\$3,750	E1
	10	30	GPH2010QC2000		140	\$3,900	E1
	15	45	GPH2015QC2000	B	150	\$4,300	E1
	25	61	GPH2025QC2000		150	\$4,800	E1
	30	85	GPH2030QC2000		150	\$5,800	E1
	40/50	130	GPH2050QC2000	C	280	\$6,990	E1
	60	171	GPH2060QC2000		280	\$7,500	E1
	75	200	GPH2075QC2000		280	\$8,450	E1
	100	255	GPH2100QC2000	D	415	\$10,700	E1
	125	312	GPH2125QC2000		415	\$11,880	E1
	150	365	GPH2150QC2000	E	610	\$12,700	E1
175	412	GPH2175QC2000	610		\$14,500	E1	
460V - 480V	INPUT POWER SUPPLY: THREE-PHASE - 460V / 480V						
	10	17	GPH2010QC4000	A	140	\$3,650	E1
	15	24	GPH2015QC4000		140	\$3,750	E1
	20	30	GPH2020QC4000		140	\$3,900	E1
	30	45	GPH2030QC4000	B	150	\$4,300	E1
	40/50	61	GPH2050QC4000		150	\$4,800	E1
	75	85	GPH2075QC4000		150	\$5,800	E1
	100	130	GPH2100QC4000	C	280	\$6,990	E1
	125	171	GPH2125QC4000		280	\$7,500	E1
	150	200	GPH2150QC4000		280	\$8,450	E1
	200	255	GPH2200QC4000	D	415	\$10,700	E1
	250	312	GPH2250QC4000		415	\$11,880	E1
	300	365	GPH2300QC4000	E	610	\$12,700	E1
350	412	GPH2350QC4000	610		\$14,500	E1	
<small>Notes: 1) "HP" rating based on "average FLA values". Use as a guide only. Motor FLA may vary with speed and manufacturer. ALWAYS compare motor FLA to Nominal AMPS and Max Continuous AMPS of starter. 2) See options on the next page. **Includes 12" Floor Stand Kit</small>							

GPH2 includes:

- Control Power Transformer with Fuses,
- Circuit Breaker with through door handle
- Built in AC1 Run Rated Bypass
- Start-Stop Pushbuttons
- Run and Fault Pilot Lights



Soft Starters

Custom Panel

Options

Motor Volts	Motor HP	Starter AMPS	Original Catalog Number (will change with mod, see notes below)	Adders		
				AC3 Full HP Rated Bypass	Keypad on Door	Multiplier Symbol
200V - 240 V	INPUT POWER SUPPLY: THREE-PHASE - 200V - 240V					
	5	17	GPH2005QC2000	\$250	\$495	E1
	7.5	24	GPH2007QC2000	\$282	\$495	E1
	10	30	GPH2010QC2000	\$343	\$495	E1
	15	45	GPH2015QC2000	\$565	\$495	E1
	25	61	GPH2025QC2000	\$612	\$495	E1
	30	85	GPH2030QC2000	\$785	\$495	E1
	40/50	130	GPH2050QC2000	\$1,270	\$495	E1
	60	171	GPH2060QC2000	\$1,513	\$495	E1
	75	200	GPH2075QC2000	\$1,900	\$495	E1
	100	255	GPH2100QC2000	\$2,265	\$495	E1
	125	312	GPH2125QC2000	\$2,967	\$495	E1
	150	365	GPH2150QC2000	\$3,006	\$495	E1
175	412	GPH2175QC2000	\$6,575	\$495	E1	
460V - 480V	INPUT POWER SUPPLY: THREE-PHASE - 460V / 480V					
	10	17	GPH2010QC4000	\$250	\$495	E1
	15	24	GPH2015QC4000	\$282	\$495	E1
	20	30	GPH2020QC4000	\$343	\$495	E1
	30	45	GPH2030QC4000	\$565	\$495	E1
	40/50	61	GPH2050QC4000	\$612	\$495	E1
	75	85	GPH2075QC4000	\$785	\$495	E1
	100	130	GPH2100QC4000	\$1,270	\$495	E1
	125	171	GPH2125QC4000	\$1,513	\$495	E1
	150	200	GPH2150QC4000	\$1,900	\$495	E1
	200	255	GPH2200QC4000	\$2,265	\$495	E1
	250	312	GPH2250QC4000	\$2,967	\$495	E1
	300	365	GPH2300QC4000	\$3,006	\$495	E1
350	412	GPH2350QC4000	\$6,575	\$495	E1	
Notes: 1) These are non-stocked items. Please contact WEG for availability, product can usually ship 3-4 weeks ARO.						

Standard GPH2 panels are built with AC1 Run Rated Bypass and without the keypad in the door. All units are wall mounted except for the largest enclosure which includes a 12" floor kit standard. To order the above options, change the Part Numbers as follows...

Part #: GPH2050QC4000

Q = built in AC1 run rated bypass or

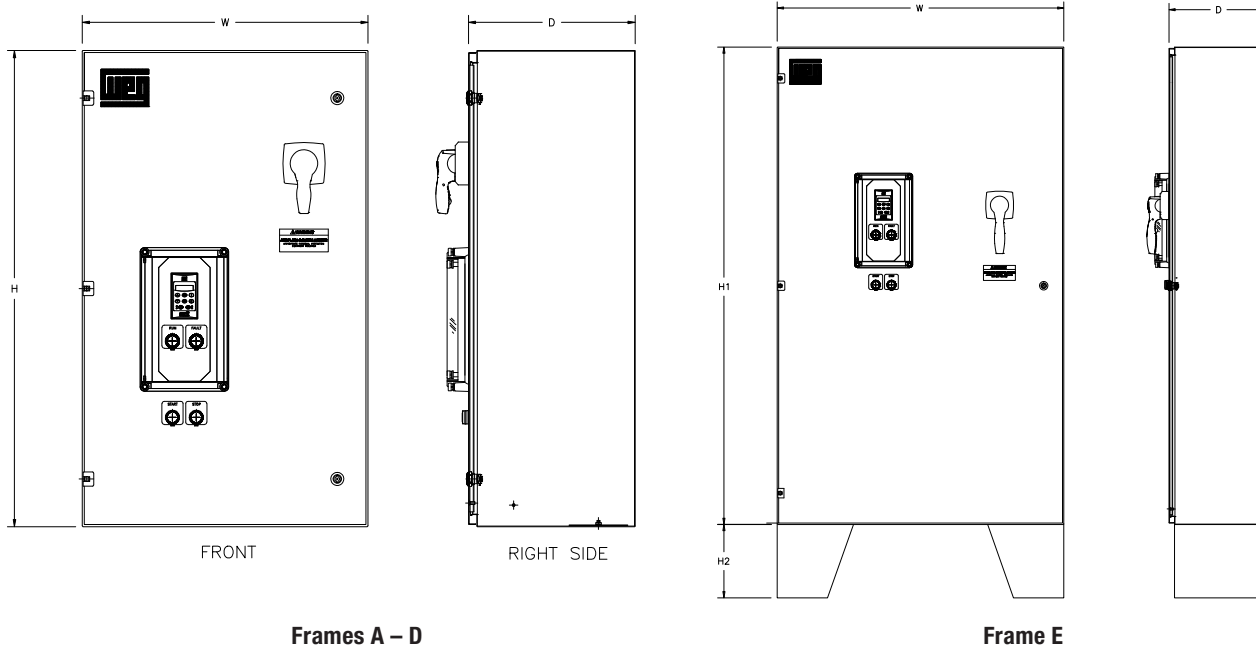
P = AC3 full bypass contactor

2 = 200/240V or 4 = 460/480V

Last 0 = No keypad on door or 1 for keypad on door

GPH2

Dimensions



GPH Dimensions

Frame	W	D	H1	H2
A	16	8	24	N/A
B	24	12	32	N/A
C	24	14	40	N/A
D	32	12	48	N/A
E	36	12	60	12

Notes: H1 + H2 = overall height







WEG Electric Corp. offers the following products, and more! With a full range of IEC/NEMA Global Certifications and a full line of products, WEG can supply the right solution for your needs anywhere in the world. To learn more about WEG's products and solutions or to locate a Distributor near you, please call **1-800-ASK-4WEG** or visit **www.weg.net/us**.

**Low Voltage Motors,
Single and 3-Phase, 1/8 – 700HP**

- General Purpose Motors
- Explosion Proof Motors
- Crusher Duty Motors
- IEC Tru-Metric Motors
- Pump Motors including JP/JM
- P-Base Pump Motors
- Oil Well Pumping Motors
- Pool & Spa Motors
- Brake Motors
- Compressor Duty Motors
- Farm Duty Motors
- Poultry Fan Motors
- Auger Drive Motors
- IEEE 841 Motors
- Stainless Steel Wash Down Motors
- Saw Arbor Motors
- Cooling Tower Motors
- Commercial HVAC Motors
- Pad Mounted Motors
- Vector Duty Motors

Large Electric Motors

- Low Voltage 3-phase motors up to 2,500HP
- Motors up to 70,000HP and 13,200V
- Wound Rotor Systems (including starters) up to 70,000HP and 13,200V
- Synchronous Motors up to 70,000HP and 13,200V
- Explosion proof motors (Ex-d) up to 1,500kW and 11kV
- Ex-n, Ex-e, Ex-p motors

Variable Frequency Drives

- Low Voltage 1/4 to 2500HP, 230V – 480V
- Medium Voltage 500-8000HP
- Multi-pump systems
- NEMA 4X
- Dynamic braking resistors
- Line and load reactors
- Plug and play technology
- Network communications: Profibus-DP, DeviceNet, Modbus-RTU
- PLC functions integrated
- Complete line of options and accessories

Soft Starters

- 3-1500HP
- Oriented start-up
- Built-in bypass contactor
- Universal source voltage (230-575V, 50/60Hz)
- Network communications: Profibus-DP, DeviceNet, Modbus-RTU
- Complete Line of options and accessories
- MV Soft-starter 3.3kV, 41.6kV: up to 3500HP, Withdrawable Power Stacks, & 8x PT100 Temperature monitoring

Controls

- Mini – Contactors
- IEC Contactors
- Thermal Overload Relays
- Manual Motor Protectors
- Molded Case Circuit Breakers
- Smart Relays
- Enclosed Starters: combination & non-combination,
- Pushbuttons & Pilot Lights
- Timing & Motor Protection Relays
- Terminal Blocks

Custom Panels

- Custom configured to your specification.
- NEMA 1, 12, 3R, 4 and 4X cabinets
- Quick delivery of preconfigured drives and soft starters
- UL 508 certified
- Low Voltage (230-460)
- Made in the U.S.A.

Generators

- Brushless Synchronous Generators for diesel gen-sets up to 4,200kVA
- Hydro-generators up to 25,000kVA
- Turbo-generators up to 62,500kVA

Power Transformers

- Built and engineered in North America
- Voltages < 500kV
- Ratings 5-300MVA
- Station class, oil filled, round core, copper windings
- Special configurations and designs available!
- Ask your WEG Sales Representative for details.
- Designed, built, and engineered to ANSI standards.

Custom Solution Package Sales

- WEG can package any of its products for ease of sale! Enjoy a single point of contact for the entire package of products and assistance from quote through after-sales support. Ask your WEG Sales Representative for details.

Please contact your authorized distributor:



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