



PHP CHARGER

Proven Technology. Built To Last.

Reliable ferroresonant charging for industrial fleets.

The PHP Charger is a premium industrial charger designed to deliver maximum reliability and long operating life. Built with a proven three-transformer ferroresonant design, it provides efficient charging, reduced maintenance, and exceptional durability. With smart digital controls and a rugged cabinet, the PHP Charger is engineered to perform in the toughest environments.

Key Benefits

- Smart Charge Control – Digital display with intuitive icon interface
- Efficient Power – 87% charging efficiency with 92% power factor
- Safe & Certified – Fail-safe operation with cUL listing with a 5-year warranty
- Durable Design – Rugged cabinet, stackable up to three high
- Low Maintenance – Built for a 10+ year operating life
- Low Cost of Ownership – Reliable performance reduces lifetime costs

Applications

- Heavy-duty industrial fleets
- Multi-shift operations
- Facilities seeking long-life, low-maintenance chargers

Control Options

- **46-0301 Control**
 - Digital LCD with status indicators
 - Fault codes and delayed start timer
 - Displays voltage, amps, run time, and amp-hours returned
- **46-0304 Control**
 - Backlit LCD display
 - Tracks accumulated amp-hours, output, volts/cell, and charge time
 - Records up to 100 previous charge terminations



Designed to Last

- **Optimized Layout:** Components arranged to minimize heat and reduce wear
- **Service-Friendly:** Lift-off front door for quick access
- **Thermal Management:** Oversized heat sinks keep diode temperatures low
- **Flexible Power:** AC input taps allow fast voltage changeovers
- **Noise Control:** AC and DC components mounted to minimize transient noise



Specifications



Model	Cell (Volts)	Phase	DC Output	208 VAC	240 VAC	480 VAC	Weight	Case
PHP12-180B1	12 (24)	1	33	5.2	4.5	2.3	75	500
PHP12-260B1	12 (24)	1	47	7.6	6.6	3.3	82	500
PHP12-380B1	12 (24)	1	69	11.1	9.7	4.8	100	500
PHP12-475B1	12 (24)	1	86	13.9	12	6	100	500
PHP12-510B1	12 (24)	1	92	15.6	13.5	6.8	186	501
PHP12-600B1	12 (24)	1	108	17.4	15.1	7.6	197	501
PHP12-750B1	12 (24)	1	135	21.8	18.9	9.5	216	501
PHP12-865B1	12 (24)	1	156	25.2	21.8	10.9	216	501
PHP12-965B1	12 (24)	1	174	28.1	24.4	12.2	258	501
PHP18-260B1	18 (36)	1	47	11.4	9.9	4.9	100	500
PHP18-380B1	18 (36)	1	69	16.7	14.5	7.2	117	500
PHP18-475B1	18 (36)	1	86	20.8	18.1	9	190	501
PHP18-600B1	18 (36)	1	108	26.2	22.7	11.3	216	501
PHP18-750B1	18 (36)	1	135	32.7	28.4	14.2	258	501
PHP18-865B1	18 (36)	1	156	37.8	32.8	16.4	258	501
PHP18-965B1	18 (36)	1	174	42.2	36.5	18.3	258	501
PHP24-260B1	24 (48)	1	47	15.2	13.2	6.6	105	500
PHP24-380B1	24 (48)	1	69	22.3	19.3	9.7	207	501
PHP24-475B1	24 (48)	1	86	27.8	24.1	12	215	501
PHP24-600B1	24 (48)	1	108	34.9	30.2	15.1	258	501
PHP24-750B1	24 (48)	1	135	43.6	37.8	18.9	258	501
PHP24-865B1	24 (48)	1	156	-	43.7	21.8	275	501
PHP24-965B1	24 (48)	1	174	-	-	24.4	316	501
PHP40-475B1	24 (48)	1	86	-	-	24.4	258	501
PHP40-600B1	24 (48)	1	108	-	-	26.5	275	501
PHP12-380B3	12 (24)	3	69	6.4	5.6	2.8	164	501
PHP12-475B3	12 (24)	3	86	8	7	3.5	220	501
PHP12-510B3	12 (24)	3	92	9	7.8	3.9	220	501
PHP12-600B3	12 (24)	3	108	10.1	8.7	4.4	191	501
PHP12-750B3	12 (24)	3	135	12.6	10.9	5.5	202	501
PHP12-865B3	12 (24)	3	156	14.6	12.6	6.3	220	501
PHP12-965B3	12 (24)	3	174	16.2	14.1	7	220	501
PHP12-1050B3	12 (24)	3	189	17.6	15.3	7.6	220	501
PHP12-1200B3	12 (24)	3	216	17.6	15.3	7.6	270	501
PHP12-1450B3	12 (24)	3	261	20.2	17.5	8.7	375	501
PHP18-380B3	18 (36)	3	69	9.7	8.4	4.2	191	501
PHP18-475B3	18 (36)	3	86	12	10.4	5.2	191	501
PHP18-600B3	18 (36)	3	108	15.1	13.1	6.6	220	501
PHP18-750B3	18 (36)	3	135	18.9	16.4	8.2	243	501
PHP18-865B3	18 (36)	3	156	21.8	18.9	9.5	243	501
PHP18-965B3	18 (36)	3	174	24.4	21.1	10.6	268	501
PHP18-1050B3	18 (36)	3	189	26.5	22.9	11.5	268	501
PHP18-1200B3	18 (36)	3	216	30.3	26.2	13.1	360	501
PHP18-1450B3	18 (36)	3	261	36.6	31.7	15.8	466	502
PHP24-380B3	24 (48)	3	69	9.7	8.4	4.2	191	501
PHP24-475B3	24 (48)	3	86	12	10.4	5.2	191	501
PHP24-600B3	24 (48)	3	108	15.1	13.1	6.6	220	501
PHP24-750B3	24 (48)	3	135	18.9	16.4	8.2	243	501
PHP24-865B3	24 (48)	3	156	21.8	18.9	9.5	243	501
PHP24-965B3	24 (48)	3	174	24.4	21.1	10.6	268	501
PHP24-1050B3	24 (48)	3	189	26.5	22.9	11.5	268	502
PHP24-1200B3	24 (48)	3	216	30.3	26.2	13.1	476	502
PHP24-1450B3	24 (48)	3	261	36.6	31.7	15.8	544	502
PHP40-475B3	40 (80)	3	86	26.8	23.2	11.6	268	501
PHP40-600B3	40 (80)	3	108	33.6	29.1	14.6	375	501
PHP40-750B3	40 (80)	3	135	42	36.4	18.2	520	502
PHP40-865B3	40 (80)	3	156	48.6	42.1	21	566	502
PHP40-965B3	40 (80)	3	174	-	46.9	23.5	570	502
PHP40-1050B3	40 (80)	3	189	-	-	25.5	585	502

The PHP Charger combines premium design with proven reliability, offering unmatched performance and long-term value. Backed by Briggs Power Solutions and Briggs Equipment, it's a charging solution built for today and ready for tomorrow.