

# Reliable. Power.



## Performance & Value Without Compromise.

PowerHouse EL chargers are ferroresonant chargers designed, built, and tested in the United States to deliver a 100% battery recharge in 10 hours or less.

Ferroresonant technology has been the de facto industry standard in battery charging for more than three decades because of the reliability and durability inherent to the design.

### Key features include:

- ▶ Fail Safe Operation
- ▶ Low Maintenance
- ▶ Fully Automatic
- ▶ Efficient Power
  - 87% Efficient
  - 92% Power Factor



# The Power in PowerHouse EL

## Reliable Regulated Battery Charging.

- Finish Rate Regulated within +/- 1%
- Designed for AC Input Variance of +6%/-10%
- dV/dT Charge Termination
- Fully Automated – Starts with 5 Second Delay
- Easy Access for AC Tap Settings to Change Input Voltage
- Manual Equalize Charge
- Easy-to-Read LED Status Indicators



### PowerHouse EL Specifications

PowerHouse EL Model	AC Input Amps				DC Volts	AH Range	Max. DC Output
	208 VAC	240 VAC	480 VAC	575 VAC			
<b>SINGLE PHASE MODELS</b>							
PEL12-475*1	12.7	11.0	5.5	4.6	24	381 - 475	75
PEL12-600*1	16.1	14.0	7.0	5.8	24	476 - 600	95
PEL12-750*1	20.2	17.5	8.7	7.3	24	601 - 750	119
PEL12-865*1	23.2	20.1	10.1	8.4	24	751 - 865	137
PEL12-965*1	25.8	22.3	11.2	9.3	24	866 - 965	152
PEL18-475*1	19.1	16.5	8.3	6.9	36	381 - 475	75
PEL18-600*1	24.2	20.9	10.5	8.8	36	476 - 600	95
PEL18-750*1	30.3	26.2	13.1	10.9	36	601 - 750	119
PEL18-865*1	34.9	30.2	15.1	12.6	36	751 - 865	137
PEL18-965*1	38.7	33.5	16.8	14.0	36	866 - 965	152
PEL24-475*1	25.4	22.1	11.0	9.2	48	381 - 475	75
PEL24-600*1	32.2	27.9	14.0	11.7	48	476 - 600	95
PEL24-750*1	40.4	35.0	17.5	14.6	48	601 - 750	119
PEL24-865*1	46.5	40.3	20.1	16.8	48	751 - 865	137
PEL24-965*1	–	44.7	22.3	18.4	48	866 - 965	153
<b>THREE PHASE MODELS</b>							
PEL12-475*3	6.5	5.7	2.8	2.3	24	381 - 475	75
PEL12-600*3	8.3	7.2	3.6	3.0	24	476 - 600	95
PEL12-750*3	10.4	9.0	4.5	3.8	24	601 - 750	119
PEL12-865*3	12.0	10.4	5.2	4.3	24	751 - 865	137
PEL12-965*3	13.3	11.5	5.7	4.8	24	866 - 965	152
PEL18-475*3	9.8	8.5	4.2	3.5	36	381 - 475	75
PEL18-600*3	12.5	10.8	5.4	4.5	36	476 - 600	95
PEL18-750*3	15.5	13.5	6.7	5.6	36	601 - 750	119
PEL18-865*3	17.9	15.5	7.8	6.5	36	751 - 865	137
PEL18-965*3	19.9	17.2	8.6	7.2	36	866 - 965	152
PEL18-1050*3	21.7	18.8	9.4	7.8	36	966 - 1050	166
PEL18-1200*3	24.8	21.5	10.7	8.9	36	1051 - 1200	190
PEL24-475*3	13.1	11.3	5.7	4.8	48	381 - 475	75
PEL24-600*3	16.6	14.4	7.2	6.0	48	476 - 600	95
PEL24-750*3	20.7	18.0	9.0	7.5	48	601 - 750	119
PEL24-865*3	23.9	20.7	10.4	8.7	48	751 - 865	137
PEL24-965*3	26.5	23.0	11.5	9.6	48	866 - 965	152

\*Voltage Code(Voltage/Phase/Freq) E= 480/3/60, AG= 600/3/60

PowerHouse EL Chargers come standard with 8' of DC cable and an SB connector

Additional cable lengths and connectors available, call for pricing and availability

Cabinet dimensions for all models (W x H x D) = 24.25" x 26" x 24.625"



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## How to Select the Right PowerHouse:

### PowerHouse Ferro 100

- Durable, Proven Ferroresonant Technology
- High Reliability with Low Up-Front Cost
- Simple to Use
- No Routine Maintenance Requirements

### PowerHouse SCR

- Flexible Programming
- Cost Effective Charging
- True Multi-Voltage Capabilities
- Proven SCR Technology
- Multi-chemistry

### PowerHouse EQ

- Front Panel Setup and Configuration
- California Energy Commission Compliant
- Conventional or Opportunity Charge Applications
- Designed and Built in USA

### PowerHouse IHF

- State-of-the-Art Technology
- Highest Efficiency Available
- Available for Conventional, Opportunity and Rapid Charge Applications Using Any Type Battery
- Lowest Cost of Ownership Available on the Market Today
- Compatible with Batcom Basic and Batcom Plus Battery Data Communication Devices