

PowerCharge

Energy Series - Residential

The PowerCharge Energy Series is designed to be the ultimate electric vehicle charging solution. An attractive, powerful and durable level 2 charger, the PowerCharge Energy Series features...

- ✓ A slim and durable design that is outdoor rated* and mounts discreetly in your garage or at your parking space with a simple plug-in installation. The Energy Series has a footprint smaller than an 8.5" x 11" sheet of paper.
- ✓ At up to 6x faster than your standard 110v plug, the Energy Series safely delivers up to 20 miles of range to your EV for every hour of charge time. The charger is UL-listed and meets safety criteria for use throughout North America.
- ✓ With our adjustable power output, you can have the ideal power to match your supply panel, electric vehicle and driving range.
- ✓ We back up our Energy Series with a 3-year warranty (5-year optional).



Models



Energy

Open access version, popular for residential and fleet use.

- Powerful 7.6kW output, adjustable to 5.8kW or 3.8kW
- 25' cable standard
- Easy plug-in installation or hardwire for outdoor install
- 3-year warranty, 5-year optional
- UL & cUL safety certified
- Slim, attractive design
- All-weather durability
- Level 2 AC, single port (dual port pedestal available)



Connect

With the help of the PowerCharge app, controlling and monitoring your charger is as simple as pushing a button. Visit the App Store to download the PowerCharge Energy app today.

- All features of the Energy +
- Easy remote management
- Track energy consumed
- Schedule charge time
- Monitor status
- Remote on/off

Technical Specifications

Item	E20-SWE	E20-SWC
Application	Residential/Light Commercial	
Voltage (Vac)	208/240VAC, Single Phase	
Frequency (Hz)	60 Hz	
Current (Rms)	Adjustable 16A/24A/32A (3.8kW/5.8kW/7.6kW)	
Circuit Breaker	16A=20A/24A=30A/32A=40A	
Charging Connector	SAE J1772	
Charging Cable Length	25 ft.	
Metering Accuracy	N/A	Embedded \pm 3%
Real Time Clock	N/A	Yes (7 days)
Wi-Fi	N/A	802.11 b/g/n
Display	N/A	116(L)*8.5(W)*37(H)mm, 5.57mm CHARACTER HEIGHT, 5*8 DOT MATRIX, OLED 20x2
Data Protocol	N/A	OCPP 1.6
Operation Temp.	-30C/-22F to 50C/122F	
Storage Temp.	-40C/-40F to 70C/158F	
Mounting Type	Wall mount / Pedestal mount (optional)	
Wiring Type	Plug-In (NEMA 6-50) or Hard-wired	
IP Performance	NEMA 4	
Impact Resistance	IK10	
Dimension (HxWxD, in inches)	11.14" x 7.56" x 3.11"	
Web Portal Management	N/A	Yes
Console Management	Yes	
Certification	UL 50/991/1449/1998/2231/2594	
	FCC Part 15B	
	N/A	FCC Part 15.225 (RFID 13.56MHz)

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7464 W. Henrietta Road | Rush, NY 14543 | 585.533.4085 | PowerChargeEV.com