

ACCELERATED / SINGLE PORT

AC Level 2: 30A/40A

Commercial Charger – PEDESTAL



	Single Port 30A	Single Port 40A
Power	7.2 kW (240V AC @ 30A)	9.6 kW (240V AC @ 40A)

Electrical Service

Power	240/208 VAC, 30A load with 40A branch circuit	240/208 VAC, 40A load with 50A branch circuit
Service Panel	40A breaker (No GFCI)	50A breaker (No GFCI)
Service Wiring	3-wire (L1, L2, Earth ground)	

Functional Interfaces

Connector Type	SAE J1772
Charging Protocol	SAE J1772
Standard Cable Length	25 ft
Cable Retractor	Optional (cable 18 ft w/ cable management)
LCD Display	1000 nits 7" color, 800 x 480, UV protected
Card Reader	ISO 14443 type A&B, ISO 18092 NFC

Safety and Connectivity

Ground Fault Detection	20 mA
Plug-Out Detection	SAE J1772
Power Measurement	Accuracy: ± 1% from 5% to full scale (30A/40A)
Wireless	2.4 GHz Wi-Fi (802.11 b/g/n)
Wide Area Network	Cellular Modem (4G) / Ethernet
Communication Protocols	OCPP 1.5 and 1.6 compliant

Safety and Operation

Enclosure Rating	NEMA 3R
Regulatory Compliance	ETL certified for USA and cUL certified for Canada; complies with UL 2594, UL 2231-1, UL 2231-2, and NEC Article 625, EMC: FCC Part 15 Class A
Operating Temperature	-20°C to +60°C (-4°F to 140°F) (Lower temperature solutions available)
Storage Temperature	-50°C to +80°C (-55°F to 176°F)
Humidity	95% non condensing

ACCELERATED CHARGER FEATURES

- Pedestal
- Single Port
- Level 2: 30A or 40A
- Charging Protocol: SAE J1772
- 7.2 kW or 9.6 kW
- 25 ft or 18 ft w/ Cable Retractor
- NEMA 3R Housing
- RFID Reader
- OCPP Compliant-Standard
- 7" Color Screen-Standard
- UL Compliant — ETL Certified

OPTIONS

- Cable Retractor
- Credit Card Reader
- Credit Card Scanner

Connect with an EVolution™ advisor at info@EVolutionevnetwork.com to see how we can help.

EVolutionEVnetwork.com