

The Series 3 2/3-Wheeler Charger

The perfect EV charging solution for
2-Wheeler & 3-Wheeler EVs



Simplified Management You'll Be Amped About

The Series 3 smart charging station enables station owners to build the charging infrastructure needed to support an EV charging network for 2-Wheelers and 3-Wheelers, and the benefits that come with it.

With its compact form factor, ease of installation, commercial-grade aluminum body and communication gateway to support up to 15 devices the Series 3 Charging Station is the perfect solution for your electric 2/3-Wheeler needs

Communication Gateway to connect up to 15 chargers

Manage connectivity requirements for up to 45 charging points with a single communication gateway.

Commercial-grade aluminum body

Sleek, elegant design with rugged enclosure.

Built-In Electricity Metering

Manage your electricity pricing.
Manage it via the web.

Multi-socket Support

Support IEC60309 and Standard 5/15A socket.

Interactive LED Lights

High visibility, multi-color visual status indication

Output Power

3.3kW * 3

Interoperability

OCPP 1.6 Compliant

Series 3 EV Charging Station: Technical Specifications

Electric vehicles are transforming the globe, driving change for good. Our mission is to make the EV revolution accessible.

At SemaConnect, we're committed to making the sophisticated simple and the revolutionary reachable. We deliver complete charging stations from fully assembled hardware to exceptionally intuitive software, for an experience you'll be amped about.



Power Input

Input Voltage Rating:	Standard	415 VAC (+/-15%) THREE-PHASE
Input Current Rating:	Standard	16A / PHASE
Maximum Input Power:	Standard	10kW
Connection & Wiring:	Standard	L1,L2,L3,N,G
Standby Power:	Standard	<10W
Internal Battery:	Optional	2-hour Power Backup for Gateway

Power Output

Number of Output:	Standard	3
Output Rating:	Standard	230 VAC (± 20%), 16 A - Single-Phase [All 3 Ports]
Output Power:	Standard	3.3kW [All 3 Ports]
Metering:	Standard	Class-1, Single-Phase Energy Metering x 3

Charging Output

Charging Interface:	Standard	IEC60309 Socket
	Optional	16 A, 3-Pin Socket

Protection

Circuit Breaker [External]:	Standard	4 Pole 20 A MCB
Plug-out Protection:	Standard	Output Terminated upon Charging Connector Plug-out (< 3 s)
Ground Fault:	Standard	30 mA GFCI
	Optional	30 mA RCCB
Surge Protection:	Standard	Class-II
	Optional	Class-II, 4-pole SPD
Electrical Protection:	Standard	Over Current, Over Voltage, Under Voltage, Over Temperature, Earth Disconnection

User Interface & Status Indicator [at Charging Station]

Buttons:	Standard	Emergency Stop
User Authentication:	Standard	QR Code, Mobile App, Remote Start
Status Indication LED:	Standard	Multicolor LED - Power On/Idle, Charging, Fault

Communication [at Gateway]

Cloud Connectivity:	Standard	Wi-Fi
	Optional	4G / Ethernet
	Optional	Bluetooth to Mobile App
Communication Protocol:	Standard	OCPP 1.6

Environment

Operating Temperature:	Standard	-20°C to +55°C
Operating Humidity:	Standard	5 to 95 % Relative Humidity, Non-condensing

Mechanical

Dimensions:	Standard	Gateway: 9.5" x 14" x 5" (W x L x D) Charging Station: 14" x 16" x 7.2" (W x L x D)
Material:	Standard	Gateway: Metal Charging Station: Aluminum
Ingress Rating:	Standard	Gateway: IP54 Charging Station: IP54
Net Weight:	Standard	Gateway: 5.5 Kg Charging Station: 7.5 Kg
Mounting Type:	Standard	Gateway: Wall mount (Optional - Pedestal) Charging Station: Wall mount (Optional - Pedestal)