

# Compact & Portable EV Charger

1.8kW/7kW/22kW AC Charger

## ❖ Product Features

PLC Communication: Transmits data/control signals via power lines (ISO 15118-3 compliant options).

Ideal for residential and commercial EV charging, Wall-mount or stand-mount options.

BLE & Wi-Fi built-in, optional 4G, OCPP 1.6J compatible for online platform control.

Temperature and leakage protection with automatic safe-current adjustment for safe operation.

IP65-rated (indoor/outdoor) with over-temperature, over-voltage, overcurrent and short-circuit protection.

3-phase, 22kW (max) charging capacity, 8Amp, 32Amp single phase, and 32Amp.

## ∞ Main function

- QR code / BLE / Plug & Charge
- Type-2 Connector with 5 metre cable
- Charger connector: IEC 62196-2 (Type 2)
- Control with RFID Card or OCPP App: Simply tap an RFID to start and stop charging
- OCPP 1.6J compliant
- BLE/ Wi-Fi /4G OCPP
- Portable or wall-mount installation options
- IP65-rated weatherproof design
- Built-in protection to prevent fire hazards
- OTA upgrade, remote diagnostics, and troubleshooting
- Multiple Models Available: Comes in 8Amp, 32Amp single phase, and 32Amp three phase



## Main Performance And Characteristics

Parameters	Model	Q21		
Input	Power Supply	3P+N+PE		
	Voltage	230V ± 20% AC		400V ± 20% AC
	Max Current	8 Amps	32 Amps	32 Amps Per Phase
	Frequency	50/60Hz		
Output	Voltage	230V ± 20% AC		400V ± 20% AC
	Max Current	8 Amps	32 Amps	32 Amps Per Phase
	Plugs	8 Amps	32 Amps (1-Phase)	32 Amps (3-Phase)
	Wall Connector Plug	Standard 10 Amp Plug	3Pin 32 Amp Australian Standard	5 Pin 32 Amp Three Phase Australian Standard Plug
User Interface	Charge Plug	Type2		
	Cable Length	5 Meters		
	Enclosure	Plastic		
	LED Indicator	Yes		
	LCD Display	2.8 Inch LCD Display		
	RFID Card Reader	ISO14443 Type A Cards Compatible		
	Start Method	Mobile App, Physical Button, Plug And Charge, RFID, OCPP		
Communication	Communication	Wifi, Bluetooth, 4G		
	Protocol	OCPP 1.6J		
Electrical Performance	Efficiency	≥95% (Half Load And Above)		
	Power Factor	0.98 (Rated Load)		
	Harmonic Distortion Rate	55% (Half Load And Above)		
	Ripple Coefficient	≤1% (Peak To Peak)		
Safety	Emergency Stop	Yes		
	RCD	30mA Type A & 6mA DC Leakage		
	Protection Grade	IP65		
	Electrical Protection	Over Current, Short Circuit, Over Voltage, Under Voltage, Ground Fault, Lightning Surge, Over Temperature, Over Load Protection, UV Resistance		
	Certification	CE, RCM		
	Standard	EN/IEC 61851-1,ENEC 61851-23,IEC 61851-24,EN/EC 61851-21-1		
Working Environment	Installation	Portable		
	Cooling	Natural Cooling		
	Working Temperature	-30°C ~ +50°C		
	Storage Temperature	-40°C ~ +70°C		
	Working Humidity	5% - 95% Relative Humidity, Non-Condensing		
Package	Product Size	400 * 210 * 210 mm (W*D*H)		
	N.W.	4.5kg		
Others	Packaging Material	Carton Box		
	Warranty	2 Years		