EU Series

F-IM-EC-A03002

Portable EV Charger

CE   CB   ✓ RoHS

Features

- Sleek and compact design with balanced proportions, blending technological sophistication with natural elegance
- IP65 rated for indoor/outdoor applications
- Smart APP Control: Connect via Bluetooth/WiFi reservation charging, enable OTA updates, and monitor real-time status
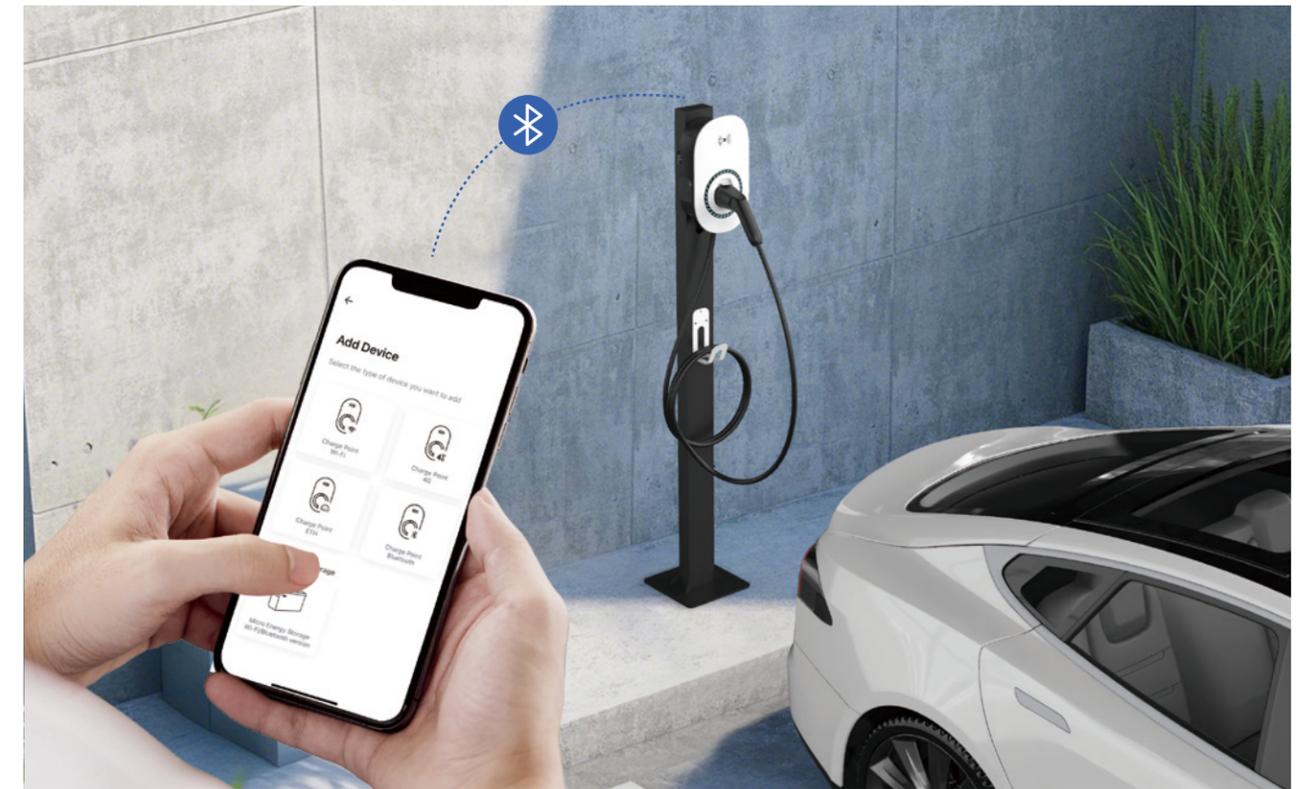- Complies with the OCPP1.6J protocol

Technical Data

Model	F-IM-EC-A03002-007	F-IM-EC-A03002-011	F-IM-EC-A03002-022
Input			
Power Supply	1P+N+PE	3P+N+PE	
Phase	Single Phase	Three Phase	
Frequency	50HZ	60HZ	
Rated Input Voltage [V]	AC230V	AC400	
Rated Current [A]	32	16	32
Output			
Output Voltage [V]	AC230	AC400	
Maximum Current [A]	32	16	32
Rated Output Power [KW]	7.4(MAX)	11(MAX)	22(MAX)
Specification			
FIRE rating	UL94-V0		
Ingress Protection	IP54(Plug)/IP65(control box)		
Resistance Voltage [V]	Between L.N and PE,2000AC		
Insulation resistance [MΩ]	>1000MΩ(DC500V)		
Cable specification	3.6*6mm^2+1*0.5mm^2	5*2.5mm^2+1*0.5mm^2	5*6mm^2+1*0.5mm^2
Contact resistance [Ω]	<0.5Ω		
Configuration			
Output Connercter (to car)	TPU Cable + Type2 VEHICLE		
Cable Length	5m		
Material	PC+ABS		
Charging Status Indicator	Three color LED		
Charging Mode	Plug&Play/RFIDNFC/APP		
Safety			
Protection	Over current protection, Residual current protection.Ground protection, Over/Under voltage protection, Over/Under frequency protection,Over temperature protection		
Leakage Current Protection	AC30mA&AC30mA+DC6mA		
Surge Protection	4kV @2500A		
Generation Information			
Installation	Wall-mount/Pole-mount(Optional)		
Operation Temperature[℃]	-30℃~50℃		
Storage temperature[℃]	-35℃~55℃		
Working Humidity	5%~95%		
Operation Altitude[m]	<2000m		
Warranty[year]	2 year		
Package Dimension(L*W*H) [mm]	380*260*240mm(1 PCS)		
Control box [mm]	540*400*250mm		
Weight [kg]	4.4	4.5	5.4
Certification	CE		

Smart control make charging easier.

A smarter, simpler charging experience

- 🏷 Customized factory UI
- ✋ Simple user interface
- ⬆ Continuous OTA upgrades
- 📱 Remote multi-functionality via app (scheduled charging, current adjustment, charging history export, energy-saving dashboard)
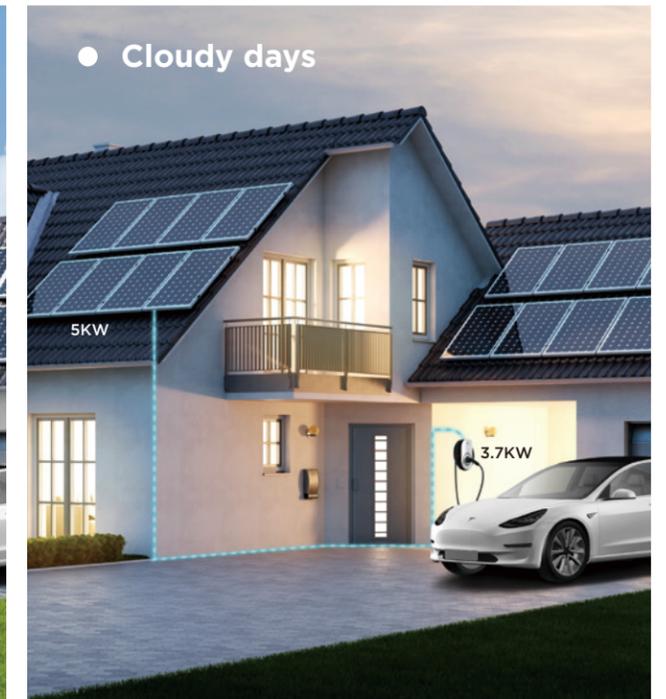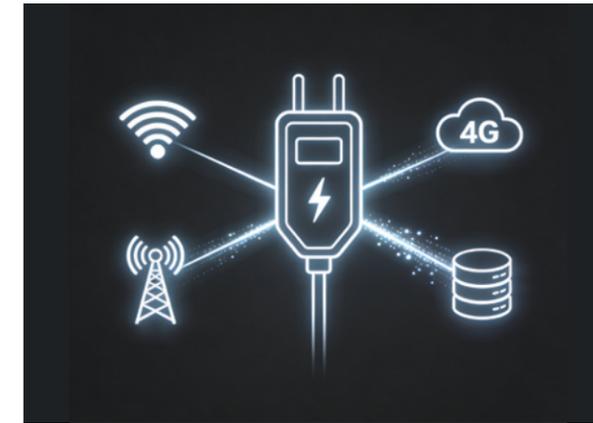
Not afraid of no signal

FullWatt developed BlueTooth Off-Line mode,which support APP connection via BT way.

Green Energy Mode

In combination with photovoltaic power generation, solar energy is converted into electricity via photovoltaic panels. Our EV charger can make full use of green enrgy green energy mode during charging process.

● Sunny days

10KW

7.4KW

● Cloudy days

5KW

3.7KW

Config APP

Make the maintenance of charging stations more convenient

More reliable and convenient installation and maintenance

Parameter Configuration

Simplify multi connection ways including Wi-Fi, 4G,OCPP address parameter configuration,Network mode switching

Real-time Data

Real-time display of charging pile data

Location Management

Spy all on-line chargers data and operating to find potential issue charger

Fault Diagnosis

Retrieve and upload charging pile diagnostic logs via Bluetooth to analize core issue without consumer assistance