



## Smart EV Charger

Single Phase: 7.3kW    Three Phase: 11kW/22kW

The LIVOLTEK Smart EV Charger is the most cutting-edge smart charger available for wall and column installation. It is compact in size, exquisite in appearance, and easy to install. Thanks to its user-friendly APP, it is easy for users to charge independently and economically. It's surely the best choice for passenger vehicle owners to charge their vehicles by taking the advantage of the time of use tariff and PV system.

### Features

- Built-in RCD protection
- Low standby power consumption
- 3 charging modes: Fast, Dynamic, ECO
- Real-time load management and demand response
- IP54 provides high adaptability
- Compatible with all branded EV
- Wi-Fi/4G/Ethernet communication
- OCPP compliance enables backend system integration



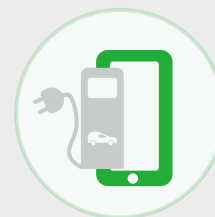
PV Charging



Dynamic Charging



Time of Use Tariff



OTA Remote Access

### Compatible Products



All-in-one Energy Storage System



DCM



Smart Meter



Monitoring System

# Specifications

Model	A0070230E11	A0110400E11	A0220400E11
Product Name	Single-phase IEC Standard AC EV Charger	Three-phase IEC Standard AC EV Charger	Three-phase IEC Standard AC EV Charger
<b>Input/Output</b>			
Rated Power	7.3kW	11kW	22kW
Rated Voltage	230Vac±10%	400Vac±10%	400Vac±10%
Rated Frequency	50Hz/60Hz		
Current Range	6~32A	6~16A	6~32A
Charging Interface Type	Type 2/5m		
Specifications of Incoming Cables	3*6mm <sup>2</sup>	5*2.5mm <sup>2</sup>	5*6mm <sup>2</sup>
<b>Basic Features</b>			
Way of Starting	Plug & Charge/APP (RFID Optional)		
Noise	0dB		
Operating Temperature	-30℃ ~ 50℃		
Storage Temperature	-40℃ ~ 70℃		
Operating Humidity	5% ~ 95%RH		
Operating Altitude	≤2000m		
IP Degree	IP54		
Dimension (W*H*D)	170*400*110mm		
Weight	3.7kg	3.8kg	5.1kg
Way of Installation	Wall Mounting (Column Optional)		
Energy Management	Support		
Standby Power Consumption	<10W		
<b>Other Features</b>			
Status Indication	3 Color LED		
Firmware Upgrade	Local/OTA		
Way of Communication	Bluetooth (Wi-Fi/Ethernet/4G Optional)		
Emergency Stop Protection	Support		
Save Charging Record When Power Off	Support		
Electricity Measurement	Support		
External Communication	RS485/CAN		
Communication Protocol	OCPP 1.6		
<b>Protection Function</b>			
Residual Current Protection	30mA type A RCBO External/6mA DC RCD Internal		
Multiple Protection	With Over Voltage Protection, Under Voltage Protection, Overcurrent Protection, Grounding Protection, Surge Protection, Short Circuit Protection, Fault Self-check and Other Multiple Protection Functions.		
<b>Standard</b>			
EMC	IEC-61851-21-2-2018		
Safety	IEC-61851-1-2017		