

Residential AC EV Charger

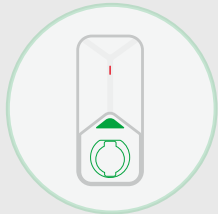
Single Phase: 7.3kW Three Phase: 11kW/22kW

The LIVOLTEK smart EV charger is the most cutting-edge smart charger available for wall and column installation. Flexible compatibility with 7.3kW, 11kW, and 22kW maximum power EVs, selectable socket outlet or connector type, it is also compact in size, exquisite in appearance and easy to install. Thanks to its combination with LIVOLTEK inverters and user-friendly APP operation, it is easy for users to charge intelligently and economically by forming a solar charging system, which includes inverters, batteries and some necessary accessories. It's the best choice for electric vehicle owners to charge their vehicles by taking advantage of the time-of-use tariff and photovoltaic system.



Features

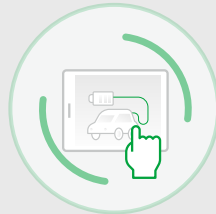
- Connector type or socket outlet selectable
- OCPP 1.6J Protocol (subsequent free upgrade 2.0.1)
- Integrated leakage current monitoring (AC 30mA + DC 6mA)
- IP54, IK10 Protection
- Optional RFID function
- Smart dynamic load balance control



Technological Aesthetic Design



Dynamic Charging



Intelligent Management



OTA Remote Access

Compatible Products



All-in-one Energy Storage System



DCM



Smart Meter



Monitoring System

Specifications

Model	A0070230E1EH	A0070230E1SH	A0220400E1EH	A0110400E1EH	A0220400E1SH	A0110400E1SH
Product Name	Single Phase Connector 7.3kW	Single Phase Socket 7.3kW	Three Phase Connector 22kW	Three Phase Connector 11kW	Three Phase Socket 22kW	Three Phase Socket 11kW
Input/Output						
Rated Power	7.3kW	7.3kW	22kW	11kW	22kW	11kW
Rated Input Voltage	230Vac		400Vac			
Input Voltage Range	230Vac±15%		400Vac±15%			
Rated Output Current	32A		32A	16A	32A	16A
Output Current Range	6A~32A		6A~32A	6A~16A	6A~32A	6A~16A
Rated Frequency	50Hz/60Hz					
Input Cable Specification	5*6	/	5*6	5*2.5	/	/
Grid Architecture	TT/TN-S/TN-C-S					
Charging Interface	IEC/5m	Type 2 socket (Type 2s socket Optional)	IEC/5m		Type 2 socket (Type 2s socket Optional)	
Connection Mode	Case C	Case B	Case C		Case B	
Protection						
Leakage Current Protection	AC 30mA + DC 6mA					
Surge Protection	Support					
Overvoltage Protection	Support					
Undervoltage Protection	Support					
Overcurrent Protection	Support					
Grounding Protection	Support					
Short Circuit Protection	Support					
Over Temperature Protection	Support					
General Data						
Dimension (W*H*D)	170X393X145 mm					
Weight	5.7kg	4.6kg	5.7kg	4.6kg	5.7kg	4.6kg
Installation Mode	Wall or Pole Mounted					
IP Degree	IP54					
IK Degree	IK10					
Cooling	Natural Cooling					
Working Temperature	-30℃ ~ 50℃					
Storage Temperature	-40℃ ~ 70℃					
Working Humidity	5% ~ 95% RH					
Working Altitude	≤2000m					
Working Noise	0dB					
Standby Power	< 5W					
Human-charger Interaction	LED+APP					
Networking Mode	Ethernet, WiFi/4G (Optional)					
Startup Mode	Support APP / Charge by RFID card / Plug and Charge					
Charging Mode	Automatically Full, Self-define Time, Fixed Power					
Power Management	Support					
Firmware Update	Local / OTA					
Electricity Metering	Support					
Power Off, Off-line, Store Charging Records	Support					
Automatic Restart	Support					
External Communication Interface	RS485 / CAN					
Communication Port Protocol	OCPP 1.6 J					
Certifications and Standards						
Safety	IEC-61851-1-2017 / IEC-61851-21-2-2018					