



# Residential AC Charger

Single Phase: 3.7kW/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 3.7kW, 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.

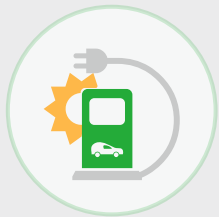


 Type 2s Socket

 Type 2 Socket

## Features

- 3 charging modes: fast, dynamic, ECO
- OCPP 1.6J Protocol (subsequent free upgrade 2.0.1)
- Integrated leakage current monitoring (AC 30mA + DC 6mA)
- IP65, IK10 Protection
- RFID user authorization
- Smart dynamic load balance control



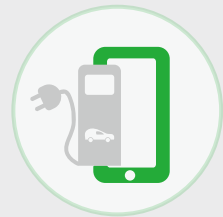
PV Charging



Dynamic Charging



Time of Use Schedule



OTA Remote Access

## Compatible Products



All-in-one Energy Storage System



DCM



Smart Meter



Monitoring System

# Specifications

Model	A0030230E1SH	A0070230E1SH	A0110400E1SH	A0220400E1SH
Product Name	Single Phase Socket 3.7kW	Single Phase Socket 7.3kW	Three Phase Socket 11kW	Three Phase Socket 22kW
<b>Input/Output</b>				
Rated Power	3.7kW	7.3kW	11kW	22kW
Rated Input Voltage	230Vac		400Vac	
Input Voltage Range	230Vac±15%		400Vac±15%	
Rated Output Current	16A	32A	16A	32A
Output Current Range	6A~16A	6A~32A	6A~16A	6A~32A
Rated Frequency	50Hz/60Hz			
Grid Architecture	TT/TN-S/TN-C-S			
Charging Interface	Type2 socket, Type 2s socket (Optional) (5m/7m 2plug Cable Optional )		Type2 socket, Type 2s socket (Optional) (5m/7m 2plug Cable Optional )	
Connection Mode	Case B			
<b>Protection</b>				
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			
<b>General Data</b>				
Dimension (W*H*D)	170X393X145 mm			
Weight	4.6kg	4.6kg	5.7kg	4.6kg
Installation Mode	Wall Mounting (Column Optional)			
IP Degree	IP65			
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			
User Indicator	LED+APP			
Networking Mode	Bluetooth; Ethernet; Wi-Fi/4G (Optional)			
User Authorization	Free Charging, RFID, MyLivoltek APP(Bluetooth & Remote & Schedule )			
Charging Mode	Fixed, Demand Response			
Power Management	Support			
Firmware Update	Local / OTA			
Electricity Metering	Support			
Save Charging Record When Power Off	Support			
External Communication	RS485 / CAN			
Communication Protocol	LIVOLTEK Protocol / OCPP 1.6J			
<b>Standard</b>				
EMC	IEC-61851-21-2-2018			
Safety	IEC-61851-1-2017			