

ACE-S HomeAC Charger

Single Phase: 3.7kW/7.3kW Three Phase: 11kW/22kW

The LIVOLTEK ACE-S HomeAC charger is your best choice for charging, it is easy to install and use, offers comfort and range anxiety free experience. It has 16A, 32A products for single phase and three phase system, fully meet your home charging needs. It also offers you greener and more economic features. While working in Dynamic Mode it can response to load balancing requirement. While working in ECO Mode, it can manage the charging power with LIVOLTEK solar ess system use more green energy.



Type 2s Socket

Type2 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



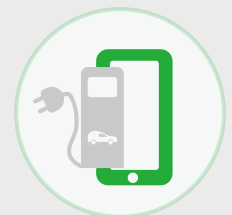
PV Charging



Dynamic Charging



Time of Use Schedule



OTA Remote Access

Compatible Products



All-in-one solar ESS



5m or 7m Charging Plug



Smart Meter



Monitoring System

Specifications

Model	A0030230E1SH	A0070230E1SH	A0110400E1SH	A0220400E1SH
Product Name	ACE-S 3.7kW	ACE-S 7.3kW	ACE-S 11kW	ACE-S 22kW
Input/Output				
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	50/60Hz			
Grid Architecture	TT/TN-S/TN-C-S			
Charging Interface	Type2 socket (Type2s socket optional)		Type2 socket (Type2s socket optional)	
Connection Mode	Case B			
Protection				
Leakage Current Protection	AC 30mA + DC 6mA, PEN for UK version			
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	4.2kg	4.3kg	4.5kg	4.6kg
Installation Mode	Wall Mounting or Column Mounting			
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			
Standby Power	< 4.5 W			
User Indicator	LED+APP			
Connectivity	Bluetooth; Ethernet; Wi-Fi/4G (Optional)			
User Authorization	Free Charging; RFID; MyLivoltek APP			
Power Balancing	Dynamic Mode; ECO Mode			
Firmware Update	Local / OTA			
Electricity Measurement	Build-in metering chip, accuracy 1.0			
External Communication	RS485 / CAN			
Communication Protocol	LIVOLTEK Protocol / OCPP 1.6J			
Standard				
EMC	IEC-61851-21-2-2018			
Safety	IEC-61851-1-2017			