

# ACE/-S BusinessAC Charger

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

Livolttek Commercial AC EV charger series with IP65 outdoor design can adapt to any business, workplace, commercial and home locations as well. LIVOLTEK offering stylish, intelligent and customoziabile covers, selectable socket outlet or connector, always one you like. While equipped with build-in smart KWH meter, it also has the ability to reponse to external energy meter or dynamic load management terminals, ready for integrating with your advanced smart building and parking energy system.

## Features

- Connector or Socket Outlet Selectable
- Integrated ISO 14443 RFID reader
- Multi connectivity access
- OCPP 1.6J Protocol (subsequent free upgrade 2.0.1)
- Build-in KWH meter
- Integrated leakage current monitoring(AC 30mA + DC 6mA)
- External Dynamic Load Response Ready
- IP65 Outdoor Design



# Specifications

Model	A0070230E1EY	A0070230E1SY	A0110400E1EY	A0110400E1SY	A0220400E1EY	A0220400E1SY
Product Name	ACE 7.3kW	ACE-S 7.3kW	ACE 11kW	ACE-S 11W	ACE 22kW	ACE-S 22kW
<b>Input/Output</b>						
Rated Power	7.3kW		11kW		22kW	
Rated Input Voltage	230Vac		400Vac			
Input Voltage Range	230Vac±15%		400Vac±15%			
Rated Output Current	32A		16A		32A	
Output Current Range	6A~32A		6A~16A		6A~32A	
Rated Frequency	50/60Hz					
Input Cable Specification	3*6Φ		5*2.5Φ		5*6Φ	
Grid Architecture	TT/TN-S/TN-C-S					
Charging Interface	ACE: Type2 Connector ACE-S: Type2 Socket					
Connection Mode	Case C	Case B	Case C	Case B	Case C	Case B
KWH Meter	Build-in MID certify meter, class B					
<b>Protection</b>						
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					
<b>General Data</b>						
Dimension (W*H*D)	170X393X145 mm					
Net Weight / Gross Weight	4.3 / 6.8kg	2.7 / 4.3kg	4.7 / 7.2 kg	3 / 4.5kg	5.4 / 8kg	3 / 4.6kg
Installation Mode	Wall mounting or Column mounting					
IP Degree	IP65 (IP54 for ACE-S)					
IK Degree	IK10					
Cooling	Natural cooling					
Working Temperature	-30℃ ~ 50℃					
Storage Temperature	-40℃ ~ 70℃					
Working Humidity	5% ~ 95% RH					
Working Altitude	≤2000 m					
Standby Power	< 5W					
User Indicator	LED					
Connectivity	Bluetooth, Ethernet, WiFi/4G (optional)					
Power Management	Support					
Firmware Update	Local / OTA					
User Authorization	RFID(ISO 14443), APP					
Local Cache	Charging Transactions, Logs					
External Communication	RS485 / CAN					
Communication Protocol	OCPP 1.6 J					
<b>Standard</b>						
EMC	IEC-61851-21-2-2018					
Safety	IEC-61851-1-2017					