SolarEast
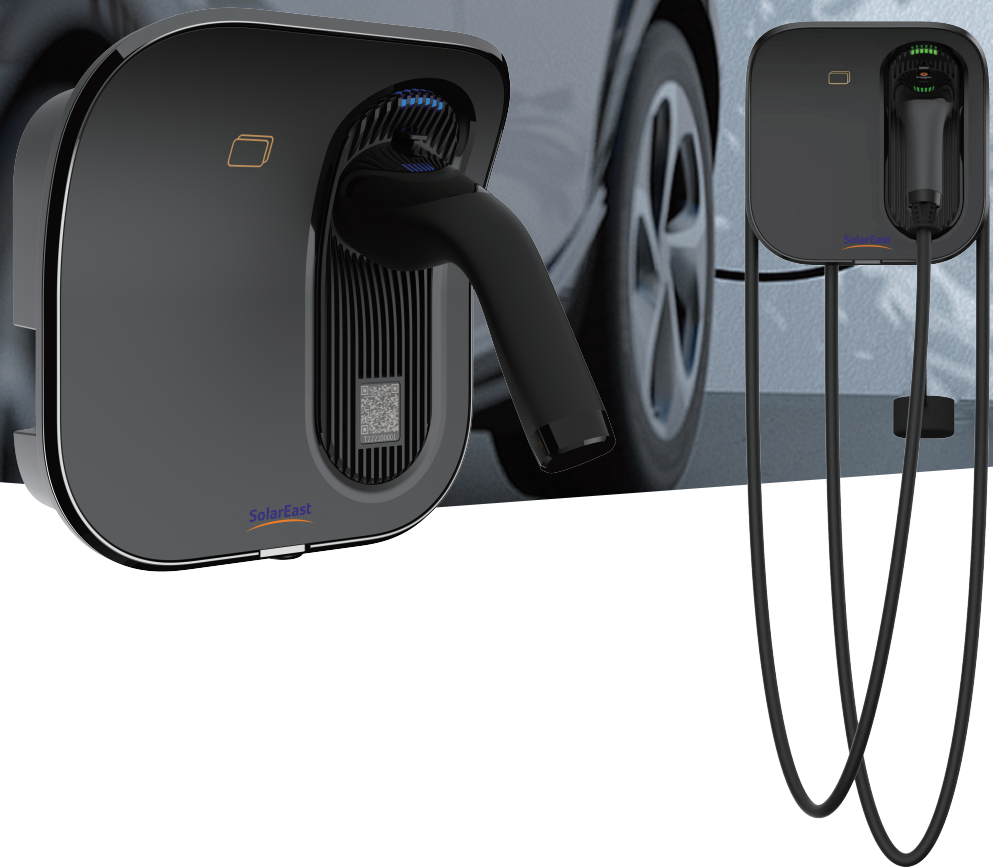
PowerBoost Series AC charger

- Excellent industrial design brings pleasant user experience.

- Equipped with Bluetooth for easy commissioning.

- Connect to any backend based on OCPP 1.6J protocol.

- Could connect to Starcharge Peak Controller (optional accessories) via Ethernet to realize local dynamic load management.

Technical specification:

PowerBoost-7AC/X	
General Information	
Charging Mode	Made 3 (IEC 61851-1)
Input/Output Power&Current Rating	7kW/32A max.
Input/Output Voltage Rating	176-264Vac, single phase, 45-65Hz, L+N+PE
Grid Type	TN-S, TN-C-S, TT, IT
Charging Interface	IEC 62196-2 Type 2 tethered plug (Case C)
Metering	Onbaard metering chip, Accuracy: 1%
Internal RCD	Type A RCD + 6mA DC
Protection	Overcurrent, Overvoltage, Undervoltage, Residual current, Short circuit, Over temperature, Grounding fault, Integrated surge protection, PEN fault detection
User Interface	
Display & Support Languages	Digital screen(optional)
Status Indication	LED indicator
Bluetooth	5.0
Button & Switch	No emergency button, with rotary switch inside(used for setting output current limitation)
User Authentication	Free Charge+ RFID card + APP
RFID Reader	1S0/IEC 14443 NB, 1S0/IEC 18092, IEC/1S0 15693
Communication	
Network Interface	4G, Wi-Fi, Bluetooth, Ethernet, RS485
Protocol (EVSE&Backend)	OCPP 1.6↓
Protocol (EVSE&EV)	Control pilot
Environmental	
Operating Temperature	-30℃ to 50℃
Storage Temperature	-40℃ to 85℃
Humidity	5% to 95% no condensation
Altitude	≤3000m above sea level
Mechanical	
IP Rating	IP55
IK Rating	IK10
Cooling	Natural cooling
Charging Cable Length	5m or 7m(optional)
Dimensions(W*H*D)	280*280*148mm
Weight	Approx.3.75kg
Installation	Wall mounting,Pole mounting (Pole is optional)
Certification and standards	
Standards and compliance	BS EN 61851-1: 2019
Certification	UKCA

Note: Pictures are for reference only, please prevail in kind