

Robot Home AC Charger

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

The LIVOLTEK Smart EV Charger is the most cutting-edge smart charger available for wall and column installation. It is compact in size, exquisite in appearance, and easy to install. Thanks to its user-friendly APP, it is easy for users to charge independently and economically. It's surely the best choice for passenger vehicle owners to charge their vehicles by taking the advantage of the time of use tariff and PV system.

- Type1
- Type2
- GBT

PV Charging

- Livoltex EV chargers can be connected to all existing photovoltaic systems, allowing for 100% use of renewable energy for vehicle charging.

Dynamic Load

- 3 charging modes: Fast, Dynamic, ECO.
- Utilize low electricity rate periods to reasonably arrange vehicle charging times to reduce charging costs.

Safe & Reliable

- Internally integrated 6mA DC RCD ensures protection against overload, grounding, and surge for the equipment.
- IP54 provides high adaptability.

OTA Remote Access

- My Livoltex APP allows you to control your charger anytime, anywhere, and supports remote updates via OTA.



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AC CHARGER

Model	R3B21E1E R3B21B1E	R3B03E1E R3B03B1E	R3B23E1E R3B23B1E
Product Name	Single-phase AC Charger	Three-phase AC Charger	Three-phase AC Charger
Input/Output			
Rated Power	Max: 7.3 kW	Max: 11 kW	Max: 22 kW
Rated Voltage	Single-phase: 120 Vac / 127 Vac / 220 Vac / 230 Vac ±10%; Split-phase: 110 Vac / 120 Vac / 127 Vac ±10%	208 Vac / 220 Vac / 380 Vac / 400 Vac ±10%	
Rated Frequency	50/60 Hz		
Current Range	6-32 A	6-16 A	6-32 A
Charging Interface Type	Type1 5m, Type 2/5m, GBT/5m		
Specifications of Incoming Cables	3 × 6 mm²	5 × 2.5 mm²	5 × 6 mm²
Basic Features			
User Authorization	Plug and Charge, MyLivoltex APP & RFID		
Cooling	Natural Cooling		
Operating Temperature	-30°C-50°C		
Storage Temperature	-40°C-70°C		
Operating Humidity	5%-95% RH		
Operating Altitude	≤3000 m(>2000 m Load reduction)		
IP Degree	IP66		
Dimension (W × H × D)	212 × 320 × 90 mm		
Weight(KG)	Net Weight: 3.5 kg Gross Weight: 5.3 kg	Net Weight: 3.5 kg Gross Weight: 5.3 kg	Net Weight: 4.6 kg Gross Weight: 6.4 kg
Package(W x H x D)	490 x 240 x 290 mm		
Way of Installation	Wall Mounting (Column Optional)		
Energy Management	Support		
Standby Power Consumption	<5W		
Other Features			
Status Indication	3 Color LED		
Firmware Upgrade	Local/OTA		
Way of Communication	Bluetooth, Wi-Fi & Ethernet/4G		
Reset Button	Optional		
Save Charging Record When Power Off	Support		
Electricity Measurement	Build-in Metering Onboard		
External Communication	RS485/AD/RJ45		
Monitoring	My Livoltex Cloud		
Communication Protocol	OCPP 1.6J Optional		
Protection Function			
Residual Current Protection	30 mA AC / 6 mA DC RCD Internal		
Multiple Protection	With Over Voltage Protection, Under Voltage Protection, Overcurrent Protection, Grounding Protection, Surge Protection, Short Circuit Protection, Fault Self-check and Other Multiple Protection Functions		
Standard			
EMC	IEC-61851-21-2-2018		
Safety	IEC-61851-1-2017		