LIVOLTEK

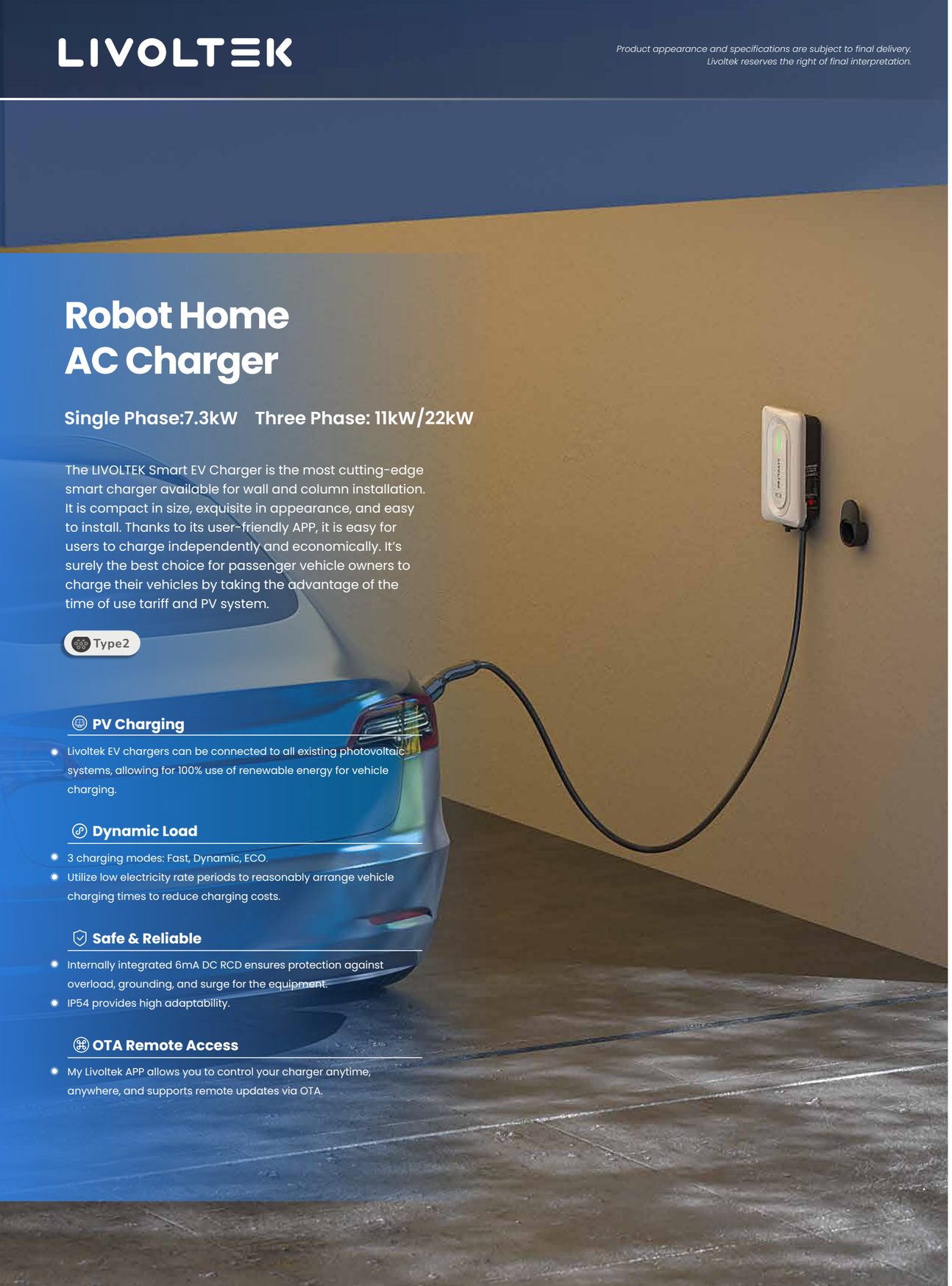
Product appearance and specifications are subject to final delivery.
Livoltek reserves the right of final interpretation.

Robot Home AC Charger

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

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.

Type2



PV Charging

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

Robot Home AC Charger

AC CHARGER

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

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	7.3kW	11kW	22kW
Rated Voltage	230Vac±10%	400Vac±10%	400Vac±10%
Rated Frequency	50Hz/60Hz		
Current Range	6 ~ 32A	6 ~ 16A	6 ~ 32A
Charging Interface Type	Type 2/5m		
Specifications of Incoming Cables	3*6mm²	5*2.5mm²	5*6mm²
Basic Features			
User Authorization	Plug and Charge, MyLivoltek APP & RFID		
Cooling	Natural Cooling		
Operating Temperature	-30° C ~ 50° C		
Storage Temperature	-40° C ~ 70° C		
Operating Humidity	5% ~ 95%RH		
Operating Altitude	≤3000m(>2000m Load reduction)		
IP Degree	IP66		
Dimension (W*H*D)	212*320*90mm		
Weight（KG）	Net Weight: 3.5kg Gross Weight: 5.3kg	Net Weight: 3.5kg Gross Weight: 5.3kg	Net Weight: 3.5kg Gross Weight: 5.3kg
Package(W*H*D)	(L=490) X (D=290) X (H=240) 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		
Emergency Stop Protection	Optional		
Save Charging Record When Power Off	Support		
Electricity Measurement	Build-in Metering Onboard		
External Communication	RS485/AD/RJ45		
Monitoring	My Livoltek Cloud		
Communication Protocol	OCPP 1.6J Optional		
Protection Function			
Residual Current Protection	30mA AC/6mA 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		

CE UKCA RoHS