BUSH Series Business AC EV Charger

Single Phase: 2*7.3kW   Three Phase: 2*22kW

The LIVOLTEK BUSH series of AC chargers are designed for public operations. They are IP55 rated and available in ground and wall mounting options for a variety of indoor and outdoor environments. All chargers have built-in smart meters and can also support other external meters or dynamic load balancing terminals for integration with advanced energy systems for smart buildings and car parks.

Connector

Type 2s   Type2

Features

■ Flexible Application

· Connector or Socket Outlet Selectable
· Integrated ISO 14443 RFID reader

■ Powerful Communication

· Multi connectivity access
· OCPP 1.6J Protocol (subsequent free upgrade 2.0.1)
· External Dynamic Load Response Ready
· POS Terminal Optional

■ Precise Monitoring

· DLM function paired with EV HUB, achieves dynamic load balancing for the system.
· Build-in KWH meter

■ User-Friendly Design

· Integrated leakage current monitoring (AC 30mA + DC 6mA)
· IP55 Outdoor Design
· 7-inch high-definition display
· Groud mouting and wall mouting optional

Specifications

Model	B1U2ME2S0M0S	B1U2ME2S0P0S	B1U2ME2E0M5S	B1U21E2S0M0S	B1U21E2S0P0S	B1U21E2E0M5S
Product Name	BUSH 2S22 BUSH 2S22-mini		BUSH 2C22 BUSH 2C22 - Mini	BUSH 2S07 BUSH 2S07 - Mini		BUSH 2C07 BUSH 2C07 - Mini
Input/Output						
Rated Power	2*22 kW			2*7.3 kW		
Rated Input Voltage	400Vac			230Vac		
Input Voltage Range	400Vac±10%			230Vac±10%		
Rated Output Current	32A					
Output Current Range	6A~32A					
Rated Frequency	50/60Hz					
Grid Architecture	TN-C-S / TN-S / TT					
Charging Interface	Type 2 Socket (Type2s Socket Optional)		Type 2 Connector 5m Cable	Type 2 Socket (Type2s Socket Optional)		Type 2 Connector 5m Cable
Connection Mode	Case B		Case C	Case B		Case C
KWH Meter	Build-in MID certify meter, class B					
Protection						
Leakage Current Protection	Standard: 30mA TypeA RCD+ 6mA DC UK Version: PEN Support Customized: TypeB RCD Optional					
Surge Protection	Support					
Overvoltage Protection	Support					
Undervoltage Protection	Support					
Overcurrent Protection	Support					
Grounding Protection	Support					
Short Circuit Protection	Support					
Over Temperature Protection	Support					
Short cricuit protection	Support					
Residual Current protection	Support					
General Data						
Dimension (W*H*D)	Wall mounting: 400×683.7×239.7 mm Column mounting: 400×1483.7×239.7 mm					
Net Weight	Column mounting: ≤41 kg, Wall mounting: ≤23.5 kg					
Installation Mode	Wall mounting or Column mounting					
IP Degree	IP55					
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	＜10W					
User Interface	7'' Touch Screen; Charging LED Indicators					
Connectivity	Bluetooth, Ethernet, WiFi/4G (optional)					
Power Management	Support					
Firmware Update	Local / OTA					
User Authorization	RFID(ISO 14443), APP, POS Ready(optional)					
Local Cache	Charging Transcations, Logs					
External Communication	RS485 / CAN					
Communication Protocol	OCPP 1.6 J					
Standard						
Safety	IEC-61851-1-2017					
EMC	IEC-61851-21-2-2018					

CE UKCA RoHS MID OCPP Fully Certified