LIVOLTEK

BUSH Business AC EV Charger

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

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.

Type 2S Type2

Flexible Application

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

Multicommunication

- 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

202608V1 Edition
Design and specifications are subject to change without notice

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AC CHARGER

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Model	B1U2ME2SOM0S	B1U2ME2SOP0S	B1U2ME2EOM5S	B1U2ME2EOP5S	B1U21E2SOM0S	B1U21E2SOP0S	B1U21E2EOM5S	B1U21E2EOP5S
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	400 VAC				230 VAC			
Input Voltage Range	400 VAC ±10%				230 VAC ±10%			
Rated Output Current	32 A							
Output Current Range	6-32 A							
Rated Frequency	50/60 Hz							
Grid Architecture	TN-C-S / TN-S / TT							
Charging Interface	Type 2 Socket (Type 2S Socket Optional)		Type 2 Connector, 5 m Cable		Type 2 Socket (Type 2S Socket Optional)		Type 2 Connector, 5 m Cable	
Connection Mode	Case B		Case C		Case B		Case C	
KWH Meter	Build-in MID certify meter, class B							
Input/Output								
Leakage Current Protection	Standard: Type A RCBO + 6 mA DC; UK Version: PEN Support;							
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								
Dimensions (W × H × D)	Wall mounting: 400 × 684 × 240 mm Column mounting: 400 × 1484 × 240 mm							
Net Weight	Wall mounting: ≤23.5 kg; Column mounting: ≤41 kg							
Installation Mode	Wall mounting or Column mounting							
IP Degree	IP55							
IK Degree	IK10							
Cooling	Air cooling							
Working Temperature	-30°C-50°C							
Storage Temperature	-40°C-70°C							
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, Credit card(optional)							
Local Cache	Charging Transcations, Logs							
External Communication	RS485/CAN							
Communication Protocol	OCPP 1.6 J							
Standards								
Safety	IEC-61851-1							
EMC	IEC-61851-21-2							

CE UKCA **RoHS** MID