



WHY JOLT BUSINESS ?



- Charge between 3.3kW - 22kW.
- 99% guaranteed uptime.
- Protected against the elements with IP65 rating.
- Dynamic Power Management.
- Power Back-Up.
- RFID, Mobile App and 3rd party CMS access.



WHETHER YOU ARE OPERATING A CHARGING NETWORK OR RUNNING AN EV TAXI FLEET - **UPTIME AND RELIABILITY ARE ALL THAT MATTERS.**

BRIGHTBLU PROVIDES UNPARALLELED UPTIME, GUARANTEED SERVICE SUPPORT AND OVERALL RELIABILITY. THIS IS WHY OUR INTELLIGENT AC CHARGING SOLUTIONS ARE INDUSTRY'S NUMBER ONE CHOICE. ENSURING CHARGEPOINT OPERATORS AND FLEET OPERATORS AROUND THE NATION TO BUILD THE MOST STABLE CHARGING NETWORKS.

www.brightblu.com



WANT TO KNOW MORE?

GET IN TOUCH WITH US AT
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**EXCELLENCE AND QUALITY IN
EVERYTHING THAT WE DO!**

JOLT BUSINESS



SPECIFICATIONS

INPUT PARAMETERS

- **AC Supply System:** 230V (±10%), 1 Phase 3 Wire / 415V (±10%), 3 Phase 5 Wire
- **Input Frequency:** 50Hz (±3%)

OUTPUT PARAMETERS

- **Output Voltage AC:** 230V (±10%) / 415V (±10%)
- **Output Current:** 32 A max (per phase)
Output current limit is configurable from 6A to 32A.
- **Output Power:** 7.4 kW max / 22 kW max
- **Output connector compatibility:** IEC 61851-1 / IEC 62196 Type 2 AC EV connector.
- **Power Lines:** L1, N, PE (7.4 kW) / L1, L2, L3, N, PE (22 kW)
- **Control Lines:** CP, PP

- **Length of charging cable:** 5 Meters
- **Vehicle Connector protective cap:** Yes
- **EMI/EMC for EVSE:** Compliance as per IEC 61851-21-2
- **Error codes:** Defined in user manual.
- **Overvoltage protection:** Above 275V AC, Protection with auto recovery.
- **Overcurrent protection:** Software controlled protection enabled in the charger. External MCB to be installed externally during installation.
- **Leakage Current Protection:** Type B RCD Protection; 30mA AC and 6mA DC current detection.
- **Continuous Earth wire monitoring:** Yes
- **CP diode detection:** Yes

GENERAL

- **Insulation Resistance:** Greater than 1 M Ohm
- **Dielectric Withstand Voltage:** Test voltage of 1615V AC compliance as per IEC 60664-1.
- **EFT:** NA ±4kV
- **Surge protection:** Differential mode: ±3kV; Common mode: ±6kV
- **ESD:** Air discharge: ±8kV; Contact discharge: ±4kV
- **Operating temperature:** -35C to +55C
- **Storage temperature:** -40C to +80C
- **Certified energy meter:** Class 1 certified
- **RS485 Port:** Yes
- **Dynamic Power Management capability:** Yes
- **Energy Management Services:** Yes
- **Power Backup:** Optional



**CHARGING
MADE EASY**

MECHANICAL

- **IP Rating:** IP65
- **Mechanical Strength:** IK08 according to IEC62262
- **Dimension (H*W*D):** 390*277*110 mm
- **Weight:** 8kg (7.4kW) / 10Kg (22kW)
- **Mounting:** Wall mount / Pole mount
- **Cooling:** Air cooled

USER INTERFACE AND SOFTWARE

- **Visual Indicators:** LED panel
- **Messages displayed LED:** Vehicle plugged in / plugged out; Charger available / charging; Fault conditions
- **Emergency Switch:** Optional
- **User authentication:** RFID/ Mobile app
- **Connectivity options:** Wi-Fi, BLE and SIM
- **SD card storage:** Yes
- **OCPP:** OCPP 1.6J
- **Backoffice Connectivity:** Yes

