

# WHY JOLT HOME?



- Easy to Install.
- Easy to Connect through WIFI.
- IP65 Certified, extreme weather proof.
- Over and Under Voltage protection.
- Surge Protection up to 6 kV.
- Charger-to-Vehicle communication via Mode 3 (IEC-61851).
- In-House Technology, 95% Localization.
- Energy Management Features.

IF YOU'RE LOOKING TO ENHANCE YOUR HOME CHARGING SETUP FOR PERSONAL USE, **OUR INTELLIGENT AC CHARGING SOLUTIONS** ARE CRAFTED TO BE THE TOP CHOICE FOR INDIVIDUALS PRIORITIZING RELIABILITY WITH QUALITY.

WHETHER IT'S FOR YOUR DAILY COMMUTE OR WEEKEND ADVENTURES, **BRIGHTBLU** ENSURES THAT YOU CAN CHARGE YOUR EV WITH CONFIDENCE, OFFERING YOU THE PEACE OF MIND YOU RIGHTLY DESERVE.

[www.brightblu.com](http://www.brightblu.com)



## WANT TO KNOW MORE?

GET IN TOUCH WITH US AT

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**BRIGHTBLU**

CERTIFIED ENDURANCE AND  
EXCELLENT QUALITY IN EVERY ASPECT

# JOLT HOME

# SPECIFICATIONS

## INPUT PARAMETERS

- **AC Supply System:** 230V ( $\pm 10\%$ ), 1 Phase 3 Wire
- **Input Frequency:** 50Hz ( $\pm 3\%$ )

## OUTPUT PARAMETERS

- **Output Voltage AC:** 230V ( $\pm 10\%$ )
- **Output Current:** 32 A max  
Output current limit is configurable from 6A to 32A.
- **Output Power:** 7.4 kW max
- **Output connector compatibility:** IEC 61851-1 / IEC 62196 Type 2 AC EV connector.
- **Power Lines:** L1, N, PE
- **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  $\pm 4$ kV
- **Surge protection:** Differential mode:  $\pm 3$ kV; Common mode:  $\pm 6$ kV
- **ESD:** Air discharge:  $\pm 8$ kV; Contact discharge:  $\pm 4$ kV
- **Operating temperature:** -35C to +55C
- **Storage temperature:** -40C to +80C
- **Certified energy meter:** NA
- **RS485 Port:** NA
- **Dynamic Power Management capability:** Optional
- **Energy Management Services:** NA
- **Power Backup:** NA



**CHARGING  
MADE EASY**

## MECHANICAL

- **IP Rating:** IP65
- **Mechanical Strength:** IK08 according to IEC62262
- **Dimension (H\*W\*D):** 390\*277\*110 mm
- **Weight:** 8kg
- **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:** NA
- **User authentication:** RFID/ Mobile app
- **Connectivity options:** Wi-Fi and BLE
- **SD card storage:** No
- **OCPP:** NA
- **Backoffice Connectivity:** NA