

# TECHNICAL DATA SHEET

VER. JANUARY 2024

## HUZZAH PRO OCPP 1.6J edition WITH CHARGING SOCKET (TYPE 2) 22 KW

*HUZZAH is the compact EV / PHEV chargers series designed to ensure the highest safety standards. Thanks to the built-in Type 2 charging socket the HUZZAH offers a flexible charging of various types of electric vehicles (Type 2 to Type 2, Type 2 to Type 1), The integrated DC fault current detector guarantees an extra high operation safety standard.*



*HUZZAH PRO is capable of dynamically adjusting the charge current, depending on other loads that use the same mains connection. It is also possible to charge the EV from solar power to send all generated power from solar panels to a charging car.*

*In addition, the OCPP 1.6J edition is available in versions with Ethernet or 4G cellular interfaces. The charging controller can communicate with a central management system via an OCPP interface (via OCPP 1.6J, JSON).*

### GENERAL INFO

Model	Huzzah Type 2
Version	PRO OCPP 1.6J edition
Packing dimensions (HxWxD)	425 x 520 x 180 mm
Packaging unit	1 unit
Components included	Wallbox, printed quick reference guide, drilling template, installation kit,

### ELECTRICAL DATA

Rated voltage	380-440V ~ 3 phase
Rated current	32 A
Grid frequency	50/60 Hz
Power (standby)	< 5W
Recommended upstream fuse	40 A, C characteristic recommended
External power supply	5 x 6 mm <sup>2</sup>
Terminal blocks	Direct connection to terminal block (max 10 mm <sup>2</sup> ) PE: max. 10 mm <sup>2</sup> feed-through terminal block



## VEHICLE DATA

Connection	Charging socket Type 2 in acc. IEC 62196-2 with auto-locking mechanism
Output voltage	380-440V ~ 3 phase
Max. charging current	32A
Maximum output	22 kW

## SAFETY FEATURES

DC fault current detection	$I\Delta n$ d.c. $\geq 6$ mA
Ground monitoring	Included
Load switching	SSR (Solid State Relay)
Overvoltage protection	Included
Temperature monitoring	Cool-down <sup>©</sup> system → active temperature monitoring, charging current reduction or shut down
Recommended RCCB	RCCB 40A, Type A, 30 mA to comply IEC 60364-7-722

## COMMUNICATION

Communication Charger-User	LED
Communication EV	In acc. with IEC 61851-1 Mode 3 / SAE J1772 compliant
Communication EVSE	Modbus RTU , Modbus/TCP, OCPP 1.6J, MQTT, REST-API
LAN/WAN	Ethernet
WBM	Web-based management (WBM) for configuration, diagnostics, and operation (dashboard)
4G cellular communication	micro SIM card slot (optional)
Authorization	RFID(optional)
Interfaces	microSD card slot, USB type C, 2 x Ethernet

## ENCLOSURE

Mounting type	Wall-mounted or dedicated pedestal (option)
Material	Plastic
Housing color	RAL 9011
Cover color	Glossy Black
Locking mechanism	Lockable cover with integrated lock
Dimensions (H×W×D)	400 x 300 x 145 MM
Weight	5,5 kg

## STANDARDS

IEC 61851-1

IEC 61851-22

IEC 60364-7-722

## OPERATING CONDITIONS

Storage temperature	-30° to 70° C
Operating temperature	-30° to 70° C
Degree of protection (housing)	IP54 / IK10

## DIMENSIONAL DRAWING

