EvTEK
charging solutions

HUZZAH PRO PV
WITH CHARGING CABLE (TYPE 2)
7,4 KW

HUZZAH is the compact EV / PHEV chargers series designed to ensure the highest safety standards. Thanks to its 45 ^{0} integrated holder and spiraled charging cable with Type 2 connector the HUZZAH is an extremely less space-required solution. Perfect for the private and semi-public installations. The integrated DC fault current detector guarantees an extra high operation safety standard.

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

GENERAL INFO

Model	Huzzah Type 2
Version	PRO PV
Packing dimensions (HxWxD)	425 x 520 x 180 mm
Packaging unit	1 unit
Components included	Wallbox, printed quick reference guide, drilling template, installation kit, DLM & Solar installation kit (optional)

ELECTRICAL DATA

Rated voltage	110-240 V
Rated current	32 A
Grid frequency	50/60 Hz
Power (standby)	< 5W
Recommended upstream fuse	40 A, C characteristic recommended
External power supply	3 x 6 mm^2
Terminal blocks	Direct connection to terminal block (max 10 mm^2) or RCCB (optional) PE: max. 10 mm² feed-through terminal block

VEHICLE DATA

Connection	Spiraled charging cable with Type 2 connector in acc. with IEC62196-2, 4m range (5m option)
Output voltage	110–240 V
Max. charging current	32A
Maximum output	7,4 kW

SAFETY FEATURES

DC fault current detection	IΔn d.c. ≥ 6 mA
Ground monitoring	Included
Load switching	SSR (Solid State Relay)
Overvolatge protection	Included
Temperature monitoring	Cool-down© system → active temperature monitoring, charging current reduction or shut down
Recomanded RCCB	RCCB 40A, Type A, 30 mA to comply IEC 60364-7-722

COMNUNICATION

Comunciation Wallbox-User	LED
Communication EV	In acc. with IEC 61851-1 Mode 3 / SAE J1772 compliant
Communication EVSE	Modbus RTU, WiFI (optional), OCPP 1.6 (optional)
Power-on authorization	RFID (optional)

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	5,8 kg
Weight incl. cable	8,5 kg

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STANDARDS

IEC 61851–1	
IEC 61851–22	
IEC 60364–7–722	

OPERATING CONDITIONS

Storage temperature	-30^0 to 70^0 C
Operating temperature	-30^0 to 70^0 C
Degree of protection (housing)	IP54

DIMENSIONAL DRAWING

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