

SUPERCHARGER

Super Fast Charger in Combo 2

DC 150 kW

- ★ Innovative. Well designed. Easy to use.
- ★ Charging 100% of electric vehicles using COMBO2.
- ★ Delivering up to 75 kWh in 30 minutes. (approximately 375 km)
- ★ Ideal for the road network.



A COMPACT MODULAR SOLUTION : one station, two units

POWER UNIT integrating an isolating transformer and electrical protection.

CHARGE UNIT integrating an AC/DC inverter offering high efficiency and reliability, thanks to SiC technology.

20 meters distance possible between Power Unit and Charge Unit.

PRODUCT FUNCTIONS SUMMARY

USER INTERFACE

High-contrast colour touch-screen, with vandal resistant glass ;

Friendly software guiding user in **four languages** during all charging process ;

High brightness LED lights indicating the charge point status : Available (Green), In charge (Blue), Dysfunctional (Red) ;

IDENTIFICATION : RFID & NFC reader device, behind the screen ;

COMMUNICATION : Wireless (GPRS) and Ethernet ;

STATION MANAGEMENT : all OCPP 1.6 functionalities ;

ENERGY MANAGEMENT : real-time intensity modulation, consumption offset, etc. ;

POWER : 150kW AC/DC inverter with SiC technology ;

CHARGE : COMBO2 controller managing communication with vehicle.

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ELECTRICAL PROTECTION : Magneto-thermal and differential circuit breakers

TECHNICAL SPECIFICATIONS

| Specifications | POWER UNIT | CHARGE UNIT |
|------------------------------|---|--|
| Connection type mode 4 | | COMBO 2 , 200A (Phoenix Contact) |
| Charging cable length | | 4,5 m 3,75m with cable auto-retract [option] |
| Identification | | RFID - NFC (badge or telephone) SMS / Keyboard |
| Payment | | NFC payment module [option] Compatible with an interactive vocal server |
| Communication | | GPRS or Ethernet / OCPP V1.6 |
| Cooling system | Air, forced ventilation | |
| Materials | Galvanized steel (structure) - Aluminum (casing) – Stainless steel (feet) | |
| Surface treatment | Powder coating | |
| Protection | IP54 / IK10 | |
| Operating temperature | From -30°C to +45°C | |
| Storage temperature | From -40°C to +70°C | |
| Dimensions H x D x W (mm) | 1920 x 450 x 620 | 1920 x 450 x 720 |
| Max. rated input | 400 V AC nominal 250 A three phase | 400 V AC nominal 245 A three phase |
| Max output Mode 2 Type E | | 240 V AC nominal 8 A |
| Max output Mode 4 COMBO 2 | | 950 V DC 200 A |
| Neutral system | | IT, TT or TN-S |
| Electrical security | Differential | Current leakage detection 10 mA 250 A fuse Am on DC |
| Efficiency at nominal output | | 95% |
| Standby power consumption | 50 W | 100 W |
| Weight | 650 kg | 290 kg |

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POWER UNIT INTERIOR AND EXTERIOR DESIGN



CHARGE UNIT INTERIOR AND EXTERIOR DESIGN



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