

Product data sheet



DPARTS Charging station "DUO POWER"

Description

DPARTS "DUO POWER" Charging Station

AC / EV Wallbox, 2 x 11 kW, Type 2 sockets

Equipped with two charging sockets to charge two electric cars simultaneously at 11 kW each, or one at a charging power of 22 kW. The EV charging station is delivered together with the becharged Dashboard. After registration, the charging station can be conveniently controlled and managed via the central dashboard. The becharged dashboard provides an overview of the charging station and users, as well as graphical analyses of charging sessions. Transactions can be exported for reporting purposes. Simple load management allows you to limit the amount of electricity supplied by the charging station. Additional features, such as billing services, can be enabled through value-added services in the becharged Dashboard. By connecting to the potential-free contact, grid-optimized shutdown of charging processes at the charging station is possible via a remote control receiver. The charging station is prepared for grid-optimized charging. In accordance with Section 14a of the Energy Industry Act (EnWG), charging processes can be paused or throttled by the grid operator via a remote control receiver or smart meter gateway, depending on requirements. The charging station features integrated local load management for up to 16 charging stations to distribute the available power. RFID card reader (includes 3 online RFID cards), built-in residual current shifter (RCBO), and all-current-sensitive residual current sensors (RCMU).

Technical Specifications:

Operating voltage: 400 V AC $\pm 10\%$, 50-60 Hz
Operating current: 32 A
Max. output power per charging point: 1-phase 16 A up to 3.7 kW, 2-phase 16 A up to 7.4 kW, 3-phase 16 A up to 11 kW
Local load management for up to 16 stations
Integrated calibrated energy meters (MID)
Integrated cellular modem (EDGE/3G/LTE)
Display: 5-inch touchscreen, LED Band
Phase configuration: 3 phases + N + PE
Interfaces: Ethernet (RJ-45), Wi-Fi (2.4 GHz), cellular
Backend connectivity: OCPP Standard 1.6-J (WS & WSS), ModBus TCP support
Integrated RFID card reader
Connection: 2x Type 2 sockets
Safety: RCD/shifter, all-current-sensitive residual current sensors (RCMU), emergency stop Taster, overtemperature, overvoltage/undervoltage, overcurrent, grounding protection
Operating temperature: -30 to +55 °C
Housing: Steel
Front panel: Glass
Smartphone Splash Protection: IP65, IK08
Dimensions (W x H x D): 33.4 x 50.3 x 15.5 cm
Weight: 13.8 kg, **with a 5-inch touchscreen display**

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EVP: 2140.85 €

Technical data

Connection type	variable
Design	charger
Width	33.4 cm
Features	overload protection, overheat protection, short circuit protection, protective circuit
Input voltage (Hz) up to	60 Hz
Input voltage (Hz) from	50 Hz
Range of application	workshop, household
Main colour	black
Height	15.5 cm
Length	50.3 cm
Material	steel
Material 2	plastic
Protection type	IP65
Temperature range up to	55 °C
Temperature range from	-30 °C