

VOLT·≡



DMTC22KVA

AC CHARGER

The home charger series is a solution to daily charge Mode-3 electric vehicles.



GUARANTEED SECURITY

The home AC charger series is designed to charge all Mode-3 electric vehicles compatible with IEC61851.

MAIN FEATURES

- Charge all Mode-3 vehicle
- Adjustable AC output power
- Socket or fixed cable
- 4.3-inch user-friendly touchscreen
- RFID payment system
- Remote management (OCPP 1.6)
- Built-in communications (3G; LAN; Wi-Fi)

APPLICATION

- Parking lots
- Shopping centers
- Residential community garages
- Private house
- Companies
- Ev dealers
- Service workshops
- Hotels



PRODUCT DESCRIPTION

The home AC charger series is designed not to be only a compact and cost-effective appliance but also a safe and reliable solution to daily charge your Mode-3 electric vehicles.

Available in various power configurations up to 22 kw, depending on the power supply available. Each home charger can be installed with single or 3 phase connection and the output power can be configured from 3,7 kw to 22 kw. With the possibility of choice of socket or fixed cable and also the 4.3-inch touchscreen can be configured or not.

As an option you will find a few add-on solutions for the best application in your home, apartment, condominium or company etc. With the possibility to have the RFID payment system to have access control, the home chargers could adopt a built-in communication module and can be connected to a remote central management backend or integrated in an infrastructure network.



Type 1 Charging



Type 2 Charging

AC NOMINAL INPUT

Phases / lines	Single/3-phase L1, L2, L3+N+PE
Voltage	220V/380V
Frequency	50Hz/60Hz
Input current	32A
Input power	7/22kVA

AC NOMINAL OUTPUT

Voltage	220V/380V
Current	16/32A
Nominal power	7/22kW

GENERAL SPECIFICATIONS

Number of sockets/connectors	1 socket or cable
Socket type	IEC62196 Type-2 (others under request)
Mounting	wall-mount
Communication with EV	Pilot signal according to IEC61851
Human machine interface	By default
Display (optional)	Color touch screen (4.3 inch)
RFID system (optional)	ISO/IEC 14443A
Light indicators	Three colored indicators
Button	Emergency stop button
Communication	3G/LAN/Wi-Fi
Cooling system	Self-cooled
Communication Protocols	OCPP 1.6
Place of installation	Indoor/Outdoor
Altitude	Up to 1000m

ENVIRONMENTAL CONDITIONS

Storage temperature	-40°C to +70°C
Operating temperature	-20°C to +50°C
Humidity	95%RH max

MECHANICAL DATA

Enclosure rating	IP55
Enclosure material	waterproof ABS
Enclosure door	Frontal door
Measures (W x D x H)	320*120*400mm
Weight	6kg