



Description

EVERQUICK is a 22/43 kW fast AC recharger for electric vehicles, which complies with the IEC 61851-22 charging protocol.

EVERQUICK is an ideal solution for vehicle users, electrical utilities and future petrol stations when a fast charging is required, because it offers much shorter charging times than other solutions.

EVERQUICK provides 400V AC with a type 2 connector (Mennekes) according with standard 62196. It's also possible to be supplied with a connector type 1 (SAE J1772) or type 3 (Scame).

EVERQUICK has one industrial embedded PC and a user interface with a 5.7" colour touch-screen that makes the charging procedure very easy and intuitive, showing all the required information during the charging process.

Features

EVERQUICK is equipped with a contact-less user identification system (RFID), allowing proper validation, billing procedures and statistical use reports.

Optionally, **EVERQUICK** has the capability to send SMS messages, informing the user when the charging process has finished, and including a brief report of the recharge data.

EVERQUICK can be connected to external networks, in order to provide the following services:

- Integration in proprietary management and maintenance systems.
- Usage statistics, including user identification and electrical parameters.
- Remote information about availability of charging stations.
- Integration of an **EVERQUICK** equipment in an **EVER** network.
- Remote information of the main parameters during the charging process.
- Remote firmware upgrade.
- Vehicle Fleet management.



AC



22/43 kW



Fast



RFID



Touch-screen

| INPUT | |
|--------------------------------------|---|
| Supply voltage | 400V \pm 10% - 3 phases +earth |
| Frequency | 50-60Hz \pm 5% |
| OUTPUT | |
| Output power | 22/43kW |
| Output voltage | 400V |
| Output current | 32/63A |
| SAFETY AND ELECTRICAL SPECIFICATIONS | |
| Short – circuit protection | Yes |
| Over-current protection | Yes |
| Differential protection | Yes |
| Output connector | Type 2 of the standard 62196. Possibility to order type 1 and type 3. |
| MECHANICAL SPECIFICATIONS | |
| Size (height x width x depth) | 1600 x 400 x 300 mm ⁽¹⁾ |
| Weight | 65kg |
| Protection | IP55 |
| ENVIRONMENTAL CONDITIONS | |
| Environment temperature | -10 to 40°C |
| Maximum humidity | 90% without condensation |
| APPLICABLE STANDARDS | |
| Specific standards | IEC 61851-22, IEC 62196 |
| General standards | CE |

| USER INTERFACE | |
|--|--|
| Screen | TFT Led 5.7" Touch-screen |
| Information | Charging level Charging time Estimated remaining time for end of charging. Connection failure information Energy |
| COMMUNICATIONS | |
| Standard protocols | Ethernet, RS-232,RS-485 |
| Optional protocols | GSM/GPRS Zigbee ⁽²⁾ PLC ⁽²⁾ |
| IDENTIFICATION SYSTEM | |
| RFID reader | ISO 14443 Type A 13.56MHz |
| OPTIONALS | |
| GSM/GPRS Modem | SMS messages Remote invoicing |
| (1) Height with socket of 100mm included | |
| (2) Under development | |

HEADQUARTERS

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