GH EverDrive
EV CHARGING SOLUTIONS

everquick
ELECTRIC VEHICLE RECHARGER



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.

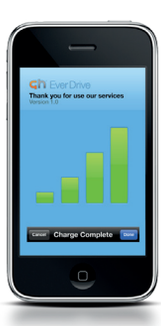
Features

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.



Cell phone application



Remote management



everquick charge station

AC | 22/43 kW | Fast | RFID | Touch-screen | IEC 61851-22

www.gheverdrive.com

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INPUT	
Supply voltage	400V ± 10% - 3 phases +earth
Frequency	50-60Hz ±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 40ºC
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

Specifications subjected to minor changes.

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