



80 YEARS
1939 - 2019



futuresmart

GLB + Smart Electric Car Charging Stations for Cloud Billing with OCPP

Features across the range:

Plug and Play means installers can either simply connect and walk away, or easily configure the charger to:

- Delivers 3.7kW / 7.4kW /11kW /22kW
- Accepts inputs to start or stop charging
- Provide remote isolation

Dynamic Load management (DLM) protects the main fuse in an installation by reducing the Electric Vehicle charging current when the total load is high and by increasing the charging current when the total load is low.

DLM requires a kWh meter (at the main distribution board) connected by a Beldin screened twisted pair cable (Modbus protocol) to the charger.

DC leakage Monitoring built in. This extremely important feature ensures that the protective devices operate under fault conditions and negates the need for a Type B RCD.

Both the LAN and 4G modem models offer full OCPP communication to back office systems, billing and vehicle with OCPP1.5OAP, OCPP1.6SOP and 1.6JSON

System overview

- Comprehensive 3 year warranty
- 2 models provide full range
- Make your installation EV Ready with GLB Box
- Main Fuse protection - DLM
- Full mode 3 change control
- Control - up to 32 GLB's linked as master/slave configuration
- Type 2 connector
- Power 7.4 kW & 22kW
- Simple and intuitive installation
- LED Status information of the charger
- DC leakage built in, no need for separate Type B RCD

Main Features

- Automatically takes power from a PV system if available
- Motorised interlock with power reserve
- Future proofed, update of firmware and software
- Mounting on either a wall or pillar
- Plug & Play installation
- IK08 & IP44

Recommended Locations for Installation

- Work Places
- Car Parks
- Hotels
- All installations where OCPP or full cloud billing is required



ECONOMY
OF USAGE

Don't overpay
- save!



SIMPLICITY
OF USAGE

User-friendly
product



COMMUNICATION
AND CONTROL

Remote management of up
to 32 Devices



AVAILABLE
CONNECTORS

2 types of connectors
Type 1 & Type 2



Technical details

Charger power (power input)	Max 1x7.4kW/22kW
Standards/directives	IEC 61851-1, 61851-22 and IEC TS 61439-7 CE
1 phase power supply, power supply parameters	Max. 3F; 230V / 400V 50Hz
Electrical Protection Device	type A or type B RCD and circuit breaker
Installation system	TT, TN And IT system (S marking for TT and TN system)
Charging type/security class/Toughness	Mode-3
Available connectors	1 x Type2 socket (version with socket) / 1 x Type 2 / Type 1 plug (version with cable)
Working temperature range, IP/IK	IP44 / IK08 / -25° to 40°C
Mounting/height of mounting	Wall-mounting (inside/outside) / 0.5 - 1.5m from the ground level to the lower edge of the charger
Dimensions	422/205/124mm
Weight	Socket of 3.2kg
Communication	OCPP1.5OAP, 1.6SOAP, 1.6JSON

Wall Mounted Charger (7.4kW)

GLB-DC-LAN-PLUS 7.4kW Socket type 2 with full OCPP & DC Monitoring

GLB-DC-MC-PLUS 7.4kW Socket type 2 with full OCPP & DC Monitoring

Wall Mounted Charger (22kW)

GLB-B-DCM-T222WO-R-LAN 22kW Socket type 2 with full OCPP & DC Monitoring

GLB-B-DCM-T222WO-R-MC 22kW Socket type 2 with full OCPP & DC Monitoring

Accessories

Back Office OCPP Billing Solution

ST-GHL GLB Mounting Pillar



Office for Zero Emission Vehicles

