

GLB T222WO

Electric Car

Charging Stations

for Work or Home



Features across the range:

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

- Delivers between 3.7kW and 22kW
- Accepts inputs from timer to start or stop charging

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.

Charging Input of each GLB is set by installer for outputs of 6A-32A. The input can be increased to adapt to advancements in vehicles capacity.

Input for Low Tariff or night rate charging allows the user to plug their car in at any time, but charging will only take place at times that are specified by the user. As utility companies change their tariff structures, the GLB can always be adjusted to charge at low tariff periods and avoid times when high tariffs are in place.

Available output range 3.7kW to 22kW, set by dip switch and protection by installer.

Maximum charging power may be limited by the specific vehicle inbuilt transformer.

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 from 3.7 kW to 22kW
- Socket or tethered lead (5m)
- Simple and intuitive installation
- LED Status information of the charger

Main Features

- Automatically takes power from a PV system if available
- Motorised interlock with power reserve
- Mounting on either a wall or pillar
- Plug & Play installation
- IK08 & IP44

Recommended Locations for Installation

- Work Places
- Car Parks
- Hotels
- Residential and Apartments



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 1x22kW
Standards/directives	IEC 61851-1, 61851-22 and IEC TS 61439-7 
1 or 3 phase power supply, power supply parameters	Max. 3F; 230V / 400V 50Hz
Electric 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	1- and 3-phase with socket of 3kg 1-phase with cable and connector 3.8 - 4.1kg 3-phase with cable and connector 5.4kg



Wall Mounted Charger

GLB-T222WO 3.7kW-22kW Socket type 2 with out DC Monitoring
GLB-EV READY EV Ready Empty GLB Enclosure

Accessories

GNM1D Local Meter45A MID kWh for charger
GNM1D-100-RS485 Distribution Meter 100A SP MID kWh for DLM
GNM3D-RS485 Distribution Meter 63A TP MID kWh for DLM
DV1KT3 Time switch for tariff management
RCBOGRB40S Type A EV RCBO 40A, Curve B
GM6-PS Priority Electric Vehicle Distribution board (18th Edn.)
ST-GHL GLB Mounting Pillar

