



# LS4

ALL  
LS4 CHARGERS  
FEATURE DYNAMIC  
LOAD BALANCING  
AS STANDARD

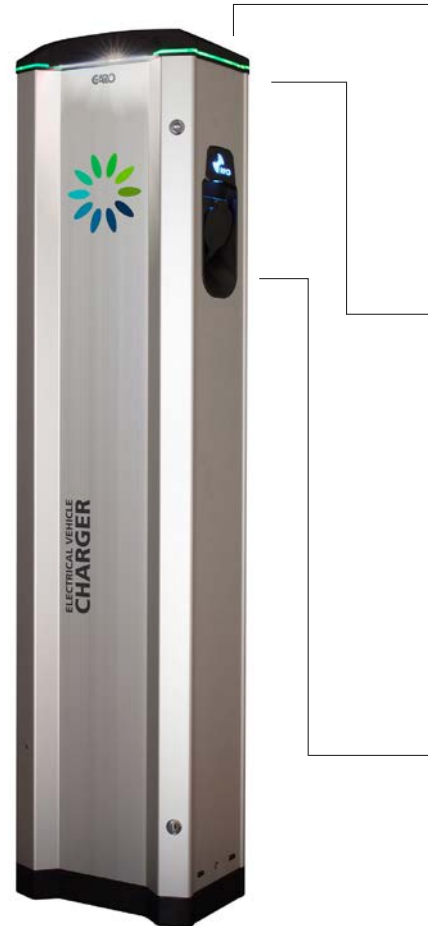
## FOR PUBLIC USE

As market leader in the EV centric Nordic region, the LS4 is the premium option for public charging.

GARO's LS4 is predominantly made of aluminum to meet the tough environment of public sites.

The top of the charger features a 360° light strip indicator which displays the charge status of each station from a distance. The front illuminated surface, is available for customer logo and instructions.

The charging station has two weather proofed Type 2 sockets and is available from 3.7 - 22kW, with or without an energy meter. With separate fuses and ground protection for each socket, the base station takes either RCD type A, or B.



LS4 STANDARD  
Height: 1400 mm

## THE ELECTRONICS WITHIN

Integrated electronics handle the communication between the charging station and electric vehicle. Electronics and fuses are located behind a flash guard and can be reset easily, the incoming supply can be isolated via a master switch.

## COMMUNICATION WITH SMART FEATURES

The charging station can be fitted with metering, and RFID with LAN or 4G for interconnection of multiple chargers via a common interface. Other options include a temperature controlled heater (cold option), surge protector, cable offloading and extra large incoming terminals.

## LS4 MOUNTING

The base station can be screwed onto concrete surfaces or similar. As an accessory there is a ground mount for fitting in soil, a wall mounted plate, and an adaption plate for Ø 60mm Pipe post.



**LS4 COMPACT Wall Mounted**  
Height: 1000 mm  
Ideal for car parks with tight parking space. Mount on wall higher than standard car bonnet/boot height.



Ambient lighting to display instructions and information



Clear charge indicator at top



Illuminated and weatherproof sockets.  
Lockable service hatch.  
Separate RFID reader at each outlet.

## PERFECT DOWN TO THE SMALLEST DETAIL

- 1 Dynamic Load Balancing ready
- 2 Core Balanced Protection - eliminates nuisance tripping by monitoring leakage
- 3 RFID LAN 3G/4G communication options
- 4 Comprehensive Cloud Based Billing system
- 5 Open communication platform - OCCP
- 6 Clear LED 360° 24 hour visible indicator
- 7 LED lighting – energy saving and long life
- 8 Weatherproof EV Socket
- 9 Illuminated EV outlets – easy to connect
- 10 Separate RFID reader – easy for the user
- 11 Easy installation – charger is pre-assembled
- 12 Substantial free space inside for installer
- 13 Lockable service door – increased security
- 14 Easy to maintain and monitor
- 15 Moisture protection rubber membrane
- 16 Compact reduced height option

# LS4

## PUBLIC CHARGER WITH TYPE 2 SOCKET

### STANDARD - GROUND MOUNTING

| Product Code                  | Description                        | Current A | kW   |
|-------------------------------|------------------------------------|-----------|------|
| <b>STANDARD</b>               |                                    |           |      |
| LS4-T237W U MAT               | 2 outlets, type 2, RCD type A      | 16        | 3,7  |
| LS4-T274W U MAT               | 2 outlets, type 2, RCD type A      | 32        | 7.4  |
| LS4-T211W U MAT               | 2 outlets, type 2, RCD type B      | 16        | 11,0 |
| LS4-T222W U MAT               | 2 outlets, type 2, RCD type B      | 32        | 22,0 |
| <b>WITH METERING</b>          |                                    |           |      |
| LS4M-T237W M MAT              | 2 outlets, type 2, RCD type A      | 16        | 3,7  |
| LS4M-T274W M MAT              | 2 outlets, type 2, RCD type A      | 32        | 7.4  |
| LS4M-T211W M MAT              | 2 outlets, type 2, RCD type B      | 16        | 11,0 |
| LS4M-T222W M MAT              | 2 outlets, type 2, RCD type B      | 32        | 22,0 |
| <b>WITH METERING LAN RFID</b> |                                    |           |      |
| LS4M-T237W M LAN              | 2 outlets, type 2, RCD type A RFID | 16        | 3,7  |
| LS4M-T274W M LAN              | 2 outlets, type 2, RCD type A RFID | 32        | 7.4  |
| LS4M-T211W M LAN              | 2 outlets, type 2, RCD type A RFID | 16        | 11,0 |
| LS4M-T222W M LAN              | 2 outlets, type 2, RCD type A RFID | 32        | 22,0 |
| <b>WITH METERING 3G RFID</b>  |                                    |           |      |
| LS4M-T237W M 3G               | 2 outlets, type 2, RCD type A RFID | 16        | 3,7  |
| LS4M-T274W M 3G               | 2 outlets, type 2, RCD type A RFID | 32        | 7.4  |
| LS4M-T211W M 3G               | 2 outlets, type 2, RCD type B RFID | 16        | 11,0 |
| LS4M-T222W M 3G               | 2 outlets, type 2, RCD type B RFID | 32        | 22,0 |

### COMPACT - WALL MOUNTING

| Product Code                  | Description                        | Current A | kW   |
|-------------------------------|------------------------------------|-----------|------|
| <b>STANDARD</b>               |                                    |           |      |
| LS4-T237W U MAT V             | 2 outlets, type 2, RCD type A      | 16        | 3,7  |
| LS4-T274W U MAT V             | 2 outlets, type 2, RCD type A      | 32        | 7.4  |
| LS4-T211W U MAT V             | 2 outlets, type 2, RCD type B      | 16        | 11,0 |
| <b>WITH METERING</b>          |                                    |           |      |
| LS4M-T237 W M MAT V           | 2 outlets, type 2, RCD type A      | 16        | 3,7  |
| LS4M-T274 W M MAT V           | 2 outlets, type 2, RCD type A      | 32        | 7.4  |
| LS4M-T211 W M MAT V           | 2 outlets, type 2, RCD type B      | 16        | 11,0 |
| <b>WITH METERING LAN RFID</b> |                                    |           |      |
| LS4M-T237W M LAN V            | 2 outlets, type 2, RCD type A RFID | 16        | 3,7  |
| LS4M-T274W M LAN V            | 2 outlets, type 2, RCD type A RFID | 32        | 7.4  |
| LS4M-T211W M LAN V            | 2 outlets, type 2, RCD type A RFID | 16        | 11,0 |
| LS4M-T222W M LAN V            | 2 outlets, type 2, RCD type A RFID | 32        | 22,0 |
| <b>WITH METERING 3G RFID</b>  |                                    |           |      |
| LS4M-T237W M 3G V             | 2 outlets, type 2, RCD type A RFID | 16        | 3,7  |
| LS4M-T274W M 3G V             | 2 outlets, type 2, RCD type A RFID | 32        | 7.4  |
| LS4M-T211W M 3G V             | 2 outlets, type 2, RCD type B RFID | 16        | 11   |
| LS4M-T222W M 3G V             | 2 outlets, type 2, RCD type B RFID | 32        | 22   |

# LS4

## STREET CHARGER ACCESSORIES

| Product Code  | Description                          | Current<br>A | Voltage<br>V |
|---------------|--------------------------------------|--------------|--------------|
| GLK1T216A230V | Charging cable Type 1 to type 2      | 16           | 230          |
| GLK2T216A230V | Charging cable Type 2 to type 2      | 16           | 230          |
| GLK2T216A400V | Charging cable Type 2 to type 2      | 16           | 400          |
| GLK1T232A230V | Charging cable Type 1 to type 2      | 32           | 230          |
| GLK2T232A230V | Charging cable Type 2 to type 2      | 32           | 230          |
| GLK2T232A400V | Charging cable Type 2 to type 2      | 32           | 400          |
| SKLANLS4      | LAN Kit                              |              |              |
| COPTION-LS4   | Heater (Cold Option)                 |              |              |
| MF-LS4        | Ground foundation                    |              |              |
| PLSVM-LS4     | Bracket for 95 mm <sup>2</sup> cable |              |              |
| VFLS4         | Wall Mount Compact F4                |              |              |
| GC-RO31       | IP Controller                        |              |              |
| GC-RO31-IP-3G | IP Controller                        |              |              |
| TUT2IIS       | Test equipment Type 2 intake E       |              |              |
| TUT2PLS       | Test equipment Type 2 plug E         |              |              |
|               | Lock F4                              |              |              |
|               | Key F4 1919                          |              |              |



Charging Cable



Temperature control  
(Cold Option)



LAN Kit



Ground foundation  
MF-LS4