



LUMiCHARGER WM

Ordering code: LMCHWMPLRF (Powerline control)

Ordering code: LMCHWMRSRF (RS485 control)

Wallpoint electric vehicle charger with 1 socket, which can work independently or communicate with Seak lighting control system to negotiate the power available for electric vehicle charging. During the day, street lighting remains in standby mode and we use full line capacity for EV charging. At night part of line capacity is used for lighting and the rest for EVs. Further, the power saved by dimming of luminaires is used to increase the charging rate, which we can deliver to the EVs.

Features

- ✓ Compatible with SEAK SMART CITY lighting control
- ✓ Standalone electric vehicle charger with 22 kW socket (Type 2, Mennekes)
- ✓ Management connectivity: RS485 or powerline
- ✓ Charging information shown directly on the display
- ✓ Multilingual
- ✓ RFID or QR-code authenticated charging
- ✓ OCPP 1.6 support via management controller
- ✓ Payment collection via Charge.sk



| Parameter | Value |
|----------------------------|---|
| Input voltage | AC 3x230 V |
| Line frequency | 50 Hz |
| Maximum output current | 3x32 A |
| Total maximum output power | 22 kW |
| Own consumption | max. 6 W |
| Earthing diagram | TN-S, TN-C-S |
| Protection class | I. |
| Protection type | IP54, IK08 |
| Socket variant | Type 2 standard socket: 32A / 400V AC according to EN 62196-1 and VDE-AR-E 2623-2-2 |



| Parameter | Value |
|-------------------------------|--|
| Communication interface | 2-way powerline QM-50-SSI3 (asynchro) or RS485 |
| Charging access | RFID / App charge.sk |
| RFID card type | MIFARE card / tag according to ISO 14443 (13.56MHz) |
| Socket lock | Yes |
| Operating ambient temperature | -25 °C ~ +50 °C |
| Storage temperature | -40 °C ~ +90 °C |
| Dimension | 650x200x145 mm |
| Weight | 13 500 g |
| Material | Stainless steel |
| Case colour | Light Gray |
| Safety | Built-in electronic RCCB/ temporarily disconnect the charger in case of current leakage |
| Surface mounted | Cable feed through underneath |
| Warranty | 24 months |

Recommended components for control

| Product | Ordering code |
|--------------------|---------------|
| LUMiBOX SLM-140A | SLM140A |
| LUMiBOX SLM-160 | SLM160 |
| LUMiMASTER SLC-NOM | SLCNOM |