



LUMiCHARGER LP

Ordering code: LMCHLP

LUMiCHARGER LP is EV charger sockets integrated into public lighting, which can work independently or communicate with Seak lighting control system to negotiate the power available for electric vehicle (EV) 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 cars. Further, the power saved by dimming of luminaires is used to increase the charging rate we can deliver to the EVs.

Features

- ✓ Compatible with SEAK SMART CITY lighting control
- ✓ RS485 or Powerline communication
- ✓ EV charger sockets integrated into public lighting (Type 2, Mennekes)
- ✓ Built-in LED display and LED indicator of charging status

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. 11 W
Communication interface	2-way powerline QM-50-SSI3 (asynchro)
Protection class	I.
Protection type	IP65
Charging access	RFID, App charge.sk
Type RFID card	MIFARE card / tag according to ISO 14443(13.56MHz)
Earthing diagram	TN-S, TN-C-S



Parameter	Value
Socket variant	Type 2 standard socket: 32A / 400V AC according to EN 62196-1 and VDE-AR-E 2623-2-2
Socket lock	Yes
The possibility of integration with the operator's system	OCPP v.1.6
Power cables	up to 35 mm ² Al / Cu
Safety	Contains protecting RCD device, which disconnects the charger from the car if the electrical connection fails (by exceeding rated leakage currents of AC / 30mA , DC / 6mA)
Operating ambient temperature	-25 °C ~ +50 °C
Warranty	24 months

