



LUMiCHARGER LP 4

Ordering code: LMCHLP4*****

LUMiCHARGER LP 4 is EV charger with 2 connectors integrated into public lighting column, 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 current we can deliver to the EVs.

Features

- ✓ Compatible with SEAK SMART CITY lighting control
- ✓ RS485 or Powerline communication (as required)
- ✓ EV charger sockets integrated into public lighting (Type 2, Mennekes)
- ✓ Pole height from 3 to 8 metres (as required)
- ✓ Dual-insulated or single layer aluminium (as required)
- ✓ Authentication variability - RFID, QR code, Smart phone via chargeme.online
- ✓ Optional contactless payments

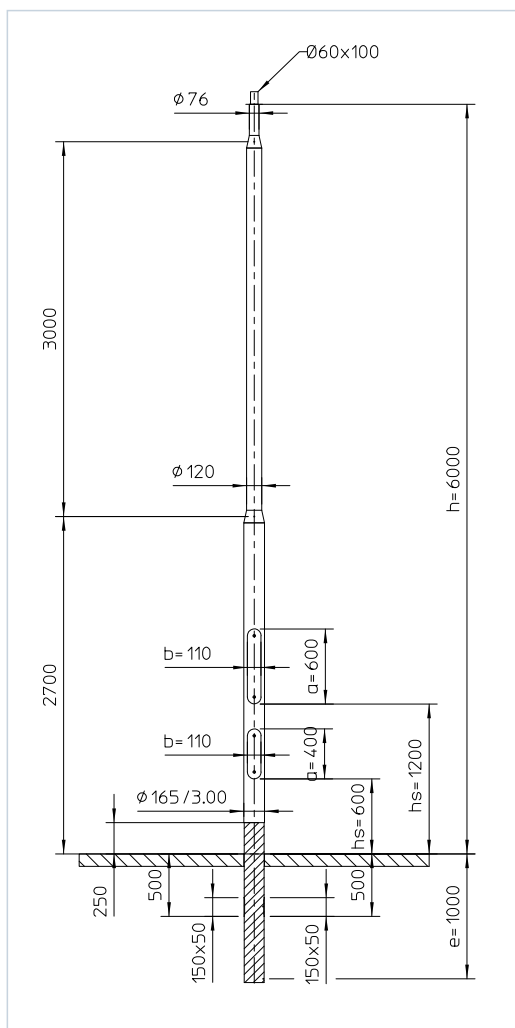
Ordering code

Power line communication - LMCHLP4PL**** (add from table)

RS485 communication - LMCHLP4RS**** (add from table)

Insulation/ Height	3m	4m	5m	6m	7m	8m
AI - Dual-insulated	ND23	ND24	ND25	ND26	ND27	ND28
AI - Single Layer	ND13	ND14	ND15	ND16	ND17	ND18

Parameter	Value
Input voltage	AC 3x230 V
Line frequency	50 Hz
Maximum output current	2x (3x32) A
Total maximum output power	44 kW
Own consumption	max. 22 W
Communication interface	2-way powerline QM-50-SS13 (asynchro) or Modbus RS485
Protection class	I.



Parameter	Value
Socket variant	Type 2 standard socket: 32A / 400V AC according to EN 62196-1 and VDE-AR-E 2623-2-2
Protection type	IP65
Charging access	RFID, App chargeme.online, QR code, contactless card
Type RFID card	MIFARE card / tag according to ISO 14443(13.56MHz) and 15693
Earthing diagram	TN-S, TN-C-S
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
Electronic residual current device function (RCD-PD)	leakage currents AC 30mA , DC 6mA
Material of column	Aluminium
Operating ambient temperature	-30 °C ~ +50 °C
Warranty	24 months
Standards	IEC 61851, IEC 62196 and IEC 61439