



Smart EV Charger
SunCharger

Drive easy, green,
and super affordable.

-  **Universal Compatibility**
with most EV brands
-  **Effortless Management**
with the myLumenHaus App
-  **Smart-Charging Mode**
AI-optimized charging cycles
for maximum cost savings



Technical Data



Specification	Model	11 kW		22 kW	
		LH-CCH-TA11K01CE		LH-CCH-TA22K01CE	
Input	Power Supply	3P + N + aPE			
	Rated Voltage (AC)	400 V			
	Rated Current	16 A		32 A	
	Frequency	50/60 Hz			
Output	Output Voltage (AC)	400 V			
	Max. Current	16 A		32 A	
	Rated Power	11 kW		22 kW	
User Interface	Charging Outlet	Type 2 cable			
	LED Indicator	Green / Blue / Red / Orange / White			
	RFID Reader	Mifare ISO / IEC 14443A			
	LCD Screen	No			
	Authentication / Start	Plug & Play / RFID card / APP			
Communication	WiFi	Yes			
	Bluetooth	Yes			
	4G	No			
	Ethernet	Yes			
	RS485	Yes (Load Balancing or EMS Interface)			
	Protocol	OCPP1.6J (OCPP2.0.1 optional)			
Features	RCD	30mA Type A+6mA DC			
	Degree of Protection	IP55			
	Electrical Protection	Over Current Protection, Residual Current Protection, Ground Protection, Surge Protection, Over/Under Voltage Protection, Over Temperature Protection			
	Certification Standard	EN / IEC 61851-1: 2017, EN / IEC 61851-21-2: 2018, IEC 62955			
	Certification	CE			
	Dynamic Load Balance	Smart Meter (optional)			
	Auto Charging Recovery	Yes (within 600 seconds)			
	Warranty	3 years			
Environment	Enclosure Material	PC			
	Installation	Wall-mount / Floor-standing			
	Working Temperature	-30°C ~ 50°C			
	Working Humidity	5% ~ 95% (relative)			
	Altitude	< 2000 m			
Dimension	Cable Length	5 m			
	Product Dimension	317 × 198 × 93 mm (H × W × D)			
	Weight	3.5 kg (net) / 4.42 kg (gross)		4.5 kg (net) / 5.42 kg (gross)	
App	Charging Current Adjustment	Yes			
	Charging Status	Current, Voltage, Power, Charged Energy, Charging Time			
	RFID Management	Yes			
	Scheduled Charge	Yes			