







**SunCharger  
Smart EV Charger**

Power your mobility with solar energy from your roof—efficient, sustainable, and cost-effective.



-  **Universal Compatibility with Most EV Brands**
-  **Extremely Safe and Reliable**
-  **Effortless Management with the myLumenHaus App**
-  **Adaptable, Fast, and Easy Installation**



## Technical Data



Specification	Model	11kW		22kW		
		LH-CCH-TA11KO2CE		LH-CCH-TA22KO2CE		
Input	Power Supply	3P+N+PE				
	Rated Voltage	400V AC				
	Rated Current	16A		32A		
	Frequency	50/60Hz				
Output	Output Voltage	400V AC				
	Maximum Current	16A		32A		
	Rated Power	11KW		22KW		
User Interface	Charging Outlet	Type 2 cable (Type 2 socket optional)				
	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 /IK08				
	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	2 years (optional up to 5 years)				
	Environment	Enclosure Material	PC			
		Installation	Wall-mount/Floor-standing			
Working Temperature		-30°C~+50°C				
Working Humidity		5%~95% (relative)				
Altitude		<2000m				
Dimension	Cable Length	5m (7m optional)				
	Product Dimension	320*230*100mm(H*W*D)				
	Weight	5kg				
App	Charging Current Adjustment	Yes				
	Charging Status	Current, Voltage, Power, Charged Energy, Charging Time				
	RFID Management	Yes				
	Scheduled Charge	Yes				