

AC EV Charger

SOL EVPOWER Series



Series:
SOL7.4EV
SOL11EV
SOL22EV



Easy-to-install

- Compact, lightweight and wall mountable
- Easy-to-install with standard tools
- Quick set-up via Wi-Fi and app



Reliable

- TÜV Rheinland EN/IEC 61851-1/22 compliant
- DC leakage current detection
- IP55 protection suitable for outdoor use
- UV resistant housing and cables



User-friendly

- Scheduled EV charging
- Adjustable charging power
- RFID for user authentication
- LED status indicators

Technical Data Sheet - 7.4 kW SOL7.4EV-O SOL7.4EV-R SOL7.4EV-WR SOL7.4EVS-O SOL7.4EVS-R SOL7.4EVS-WR

Input & Output	Rated Voltage	230 V ac					
	Input Frequency	50 Hz / 60 Hz					
	Max. Output Power	7.4 kW					
	Max. Output Current	32 A					
	Standby Power	2 W					
	Internal RCD	DC 6 mA					
	Charging Interface	IEC 62196-2, Type 2 plug			IEC 62196-2, Type 2 socket		
	Cable Length	5 m			-		
User Interface & Control	Network Interface	-	-	WiFi	-	-	WiFi
	RFID	-	●	●	-	●	●
	Status Indication	Halo RGB LED					
	LED Display Screen	●					
	App	-	-	●	-	-	●
Working Environment	Protection Level	IP55 (not in use), IP54 (connected to vehicle)					
	Operating Temperature	-30°C to 50°C					
	Relative Humidity	5% to 95% Non-condensing					
	Altitude	Up to 2000 m					
	Cooling	Natural Cooling					
Mechanical	Mounting	Wall					
	Product Dimensions (W/H/D)	237 / 343 / 115 mm					
	Product Net Weight	6 kg			3 kg		
Safety	DC Leakage Protection	●					
	Over Current Protection	●					
	Over Voltage Protection	●					
	Under Voltage Protection	●					
	Over Temperature Protection	●					
	Ground Protection	●					
	Surge Protection	●					
	Emergency Stop Button	●					
	Regulation	CE, TUV / EN 61851-1 & EN 61851-22					

● Standard features / ○ optional features / - not available

Version: July 2023



Technical Data Sheet - 11 kW

SOL11EV-O

SOL11EV-R

SOL11EV-WR

SOL11EVS-O

SOL11EVS-R

SOL11EVS-WR

Input & Output	Rated Voltage	400 V ac					
	Input Frequency	50 Hz / 60 Hz					
	Max. Output Power	11 kW					
	Max. Output Current	16 A					
	Standby Power	2 W					
	Internal RCD	DC 6 mA					
	Charging Interface	IEC 62196-2, Type 2 plug			IEC 62196-2, Type 2 socket		
	Cable Length	5 m			-		
User Interface & Control	Network Interface	-	-	WiFi	-	-	WiFi
	RFID	-	●	●	-	●	●
	Status Indication	Halo RGB LED					
	LED Display Screen	●					
	App	-	-	●	-	-	●
Working Environment	Protection Level	IP55 (not in use), IP54 (connected to vehicle)					
	Operating Temperature	-30°C to 50°C					
	Relative Humidity	5% to 95% Non-condensing					
	Altitude	Up to 2000 m					
	Cooling	Natural Cooling					
Mechanical	Mounting	Wall					
	Product Dimensions (W/H/D)	237 / 343 / 115 mm					
	Product Net Weight	6 kg			3 kg		
Safety	DC Leakage Protection	●					
	Over Current Protection	●					
	Over Voltage Protection	●					
	Under Voltage Protection	●					
	Over Temperature Protection	●					
	Ground Protection	●					
	Surge Protection	●					
	Emergency Stop Button	●					
	Regulation	CE, TUV / EN 61851-1 & EN 61851-22					

● Standard features / ○ optional features / - not available

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Technical Data Sheet - 22 kW SOL22EV-O SOL22EV-R SOL22EV-WR SOL22EVS-O SOL22EVS-R SOL22EVS-WR

Input & Output	Rated Voltage	400 V ac					
	Input Frequency	50 Hz / 60 Hz					
	Max. Output Power	22 kW					
	Max. Output Current	32 A					
	Standby Power	2 W					
	Internal RCD	DC 6 mA					
	Charging Interface	IEC 62196-2, Type 2 plug			IEC 62196-2, Type 2 socket		
	Cable Length	5 m			-		
User Interface & Control	Network Interface	-	-	WiFi	-	-	WiFi
	RFID	-	●	●	-	●	●
	Status Indication	Halo RGB LED					
	LED Display Screen	●					
	App	-	-	●	-	-	●
Working Environment	Protection Level	IP55 (not in use), IP54 (connected to vehicle)					
	Operating Temperature	-30°C to 50°C					
	Relative Humidity	5% to 95% Non-condensing					
	Altitude	Up to 2000 m					
	Cooling	Natural Cooling					
Mechanical	Mounting	Wall					
	Product Dimensions (W/H/D)	237 / 343 / 115 mm					
	Product Net Weight	6 kg			3 kg		
Safety	DC Leakage Protection	●					
	Over Current Protection	●					
	Over Voltage Protection	●					
	Under Voltage Protection	●					
	Over Temperature Protection	●					
	Ground Protection	●					
	Surge Protection	●					
	Emergency Stop Button	●					
	Regulation	CE, TUV / EN 61851-1 & EN 61851-22					

● Standard features / ○ optional features / - not available
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