Driving towards a green future

SOL EVPOWER Series 2022
Electric Vehicle Chargers

Solplanet

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Building a sustainable future together

Photo by Reed Naliboff

Solplanet

Photo by James Wheeler

The future is solar for everybody

At Solplanet, we aim to power your life with our state-of-the-art PV inverters and smart EV chargers. We strive to create the best possible experience for distributors, installers and end users with the latest certified technologies. That's why our products are easy-to-install, reliable and user- friendly.

Solplanet photovoltaic inverters and EV chargers are manufactured in compliance with international high-quality standards for residential, commercial and governmental installations.

You can depend on Solplanet

Solplanet is a brand of AISWEI, we've been manufacturing inverters since 2007. Our mother brand, also formerly known as SMA's Chinese subsidiary, has successfully been manufacturing high-quality and reliable products for renowned brands like SMA since 2017 and Zeversolar since 2013. Today, AISWEI is an independent research, development and manufacturing company. A recent equity restructuring puts AISWEI on particularly strong financial footing within the industry.

In 2022, we take a new step to boost our way and promote the global e-mobility revolution, launching our versatile Solplanet EV chargers in the market worldwide.

Solplanet makes things easy

Our products are easy-to-install, reliable and user-friendly. We offer a variety of quality products with long lasting warranty that you can depend on. Visit our website to explore our wide range of products: Single & three phase PV inverters, hybrid PV inverters, connect and monitoring devices and single & three phase AC EV chargers.

solplanet.net

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

		SOL 7.4 EV-O	SOL 7.4 EV-R	SOL 7.4 EV-WR	SOL 7.4 EVS-O	SOL 7.4 EVS-R	SOL 7.4 EVS-WR
Input & Output	Rate voltage	230 VAC					
	Input Frequency	50 Hz / 60 Hz					
	Max Output Power	7.4 kW					
	Max Output Current	32 A					
	Standby Power	2 W					
	Internal RCD	Type A and DC 6mA RCD function					
	Charging Interface	IEC62196-2, Type 2 plug			IEC62196-2, Type 2 socket		
	Cable Length	5 m			–		
User Interface & Control	Network interface	–	–	Wi-Fi	–	–	Wi-Fi
	RFID	–	●	●	–	●	●
	Status Indication	Halo RGB LED					
	LED Display Screen	●					
	APP	–	–	●	–	–	●
	Communication Protocol	–	–	Support OCPP1.6	–	–	Support OCPP1.6
Working Environment	Protection Level	IP55 (Storage), IP54 (Mated with vehicle)					
	Operating Temperature	-30°C to 50°C					
	StorageTemperature	-40°C to 70°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	●					
	Lighting Protection	●					
	Surge Protection	●					
	UV Resistance	●					
	Emergency Stop Button	●					
	Regulation	CE, TUV / EN 61851-1 & EN 61851-22					

● Standard features / ○ optional features / – not available
Version August 2021

Technical Data Sheet

11 kW

		SOL 11 EV-O	SOL 11 EV-R	SOL 11 EV-WR	SOL 11 EVS-O	SOL 11 EVS-R	SOL 11 EVS-WR
Input & Output	Rate voltage	400 VAC					
	Input Frequency	50 Hz / 60 Hz					
	Max Output Power	11 kW					
	Max Output Current	16 A					
	Standby Power	2 W					
	Internal RCD	Type A and DC 6mA RCD function					
	Charging Interface	IEC62196-2, Type 2 plug			IEC62196-2, Type 2 plug		
	Cable Length	5 m			–		
User Interface & Control	Network interface	–	–	Wi-Fi	–	–	Wi-Fi
	RFID	–	●	●	–	●	●
	Status Indication	Halo RGB LED					
	LED Display Screen	●					
	APP	–	–	●	–	–	●
	Communication Protocol	–	–	Support OCPP1.6	–	–	Support OCPP1.6
Working Environment	Protection Level	IP55 (Storage), IP54 (Mated with vehicle)					
	Operating Temperature	-30°C to 50°C					
	StorageTemperature	-40°C to 70°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	●					
	Lighting Protection	●					
	Surge Protection	●					
	UV Resistance	●					
	Emergency Stop Button	●					
	Regulation	CE, TUV / EN 61851-1 & EN 61851-22					

● Standard features / O optional features / – not available
Version August 2021

Technical Data Sheet

22 kW

		SOL 22 EV-O	SOL 22 EV-R	SOL 22 EV-WR	SOL 22 EVS-O	SOL 22 EVS-R	SOL 22 EVS-WR
Input & Output	Rate voltage	400 VAC					
	Input Frequency	50 Hz / 60 Hz					
	Max Output Power	22 kW					
	Max Output Current	32 A					
	Standby Power	2 W					
	Internal RCD	Type A and DC 6mA RCD function					
	Charging Interface	IEC62196-2, Type 2 plug			IEC62196-2, Type 2 socket		
	Cable Length	5 m			–		
User Interface & Control	Network interface	–	–	Wi-Fi	–	–	Wi-Fi
	RFID	–	●	●	–	●	●
	Status Indication	Halo RGB LED					
	LED Display Screen	●					
	APP	–	–	●	–	–	●
	Communication Protocol	–	–	Support OCPP1.6	–	–	Support OCPP1.6
Working Environment	Protection Level	IP55 (Storage), IP54 (Mated with vehicle)					
	Operating Temperature	-30°C to 50°C					
	StorageTemperature	-40°C to 70°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	●					
	Lighting Protection	●					
	Surge Protection	●					
	UV Resistance	●					
	Emergency Stop Button	●					
	Regulation	CE, TUV / EN 61851-1 & EN 61851-22					

● Standard features / O optional features / – not available
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