

Driving towards a green future

SOL EVPOWER Series 2022
Electric Vehicle AC Chargers





Photo by Franckreporter

Fully
charged
and ready!



Reliable,
powerful
& beautiful

Smart solutions for a greener future

The world's energy consumption and production is undeniably changing, and the mobility industry is boosting this great change through the development and research of high-end electric vehicles and other related products at a global scale.

At Solplanet we know that every small conscious decision builds up to an environmentally sustainable future, that's why we are proud to present our new electric vehicle charger series, carefully designed applying our over 14 years of experience in the PV industry.

Every detail of our EV Chargers has been conceived aiming to bring the best possible experience for end-users, installers and distributors. Our intelligent monitoring system and user-friendly app allow you to control the whole charging process at your convenience.

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 Zenersolar since 2013. Today, AISWEI is an independent research, development and manufacturing company. A recent equity restructuring puts us on particularly strong financial footing within the industry.

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

solplanet.net

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

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					
	Storage Temperature	-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

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					
	Storage Temperature	-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

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					
	Storage Temperature	-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

Solar energy made easy!

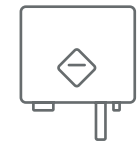
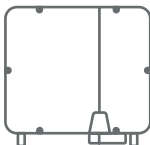
At Solplanet we strive to create the best possible experience for distributors, installers and end users. That’s why our products are easy-to-install, reliable and user-friendly.

Explore our product catalogue



We offer a variety of high-quality products designed to cover your needs, no matter the size of your installation:

	Easy-to-install	• Quick & easy-to-install with basic standard tools. • Quick Wi-Fi set up with app • Compact designs with wall mount fixture
	Reliable	• International quality standards • Integrated large range DC/AC switch • IP65 waterproof for outdoor use
	User-friendly	• Smart monitoring with user-friendly app • Discrete design that fits anywhere • Quiet performance with low dB levels

	Single phase string inverters		
	Three phase string inverters		AC EV Chargers
	Hybrid inverters		Connect & monitor devices

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