Driving towards a green future

SOL APOLLO Series
Smart AC EV Chargers

Solplanet

Fully
charged
and ready!

Photo by Franckreporter

Reliable, powerful & easy to use

Smart solutions for a greener future

The world's energy production and consumption is undeniably changing. The electrification of the mobility industry is contributing to this great change through the research and development of electric vehicles and 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 over 15 years of our experience in the PV industry.

Every detail of our EV Chargers aims to bring the best possible experience for customers. Our intelligent monitoring system and user-friendly app allows you to control the whole charging process on your mobile device. Our SOL APOLLO EV Charger Series is fully compatible with your photovoltaic installation, allowing you to charge your vehicle directly using the power of the sun.

You can depend on Solplanet

Solplanet is a brand of AISWEI, which is formerly known as SMA's Chinese subsidiary and has successfully been manufacturing high-quality and reliable products for renowned brands like SMA and Zeversolar.

Today, AISWEI is a leading R&D and manufacturing company focusing on clean energy. Headquartered in Shanghai, China, with three R&D centers, one manufacturing base and offices in Asia, Europe, South America, Africa, and Oceania. AISWEI and Solplanet serve customers in many countries and regions across the globe.

Solplanet makes things easy

Solplanet delivers easy-to-install, safe, reliable and user-friendly energy solutions. Our high-quality portfolio including string inverters, hybrid inverters, batteries, AC EV chargers, and monitoring products, comes with industry-leading warranties you can trust.

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Solplanet AC EV chargers bring the latest technologies to your home for a safe and smart charging experience, with an elegant and easy-to-use design and adaptable functions that meet the needs of a wide range of user scenarios.

SOL APOLLO EV Chargers come as a result of dedicated research, design and development based on our deep knowledge in the field of photovoltaic technology for over 15 years. The possibility of using solar energy in the charging process of your electric vehicle, comes not only with great economic benefits, but as a smart and environmentally conscious choice to living a greener life.

The SOL APOLLO Series provide several options for you to discover the best charging experience possible. Get ready, the green future is here!

Everything you expect and more!

Easy-to-install

- Compact, lightweight and wall mountable
- Easy-to-install with standard tools
- Toolless plug in terminal blocks
- Quick set-up via Bluetooth and APP
- Cable entry on the front or rear of the housing
- Replaceable front cover for convenient substitution and additional color options

Safe

- TÜV IEC 61851-1 & CE compliant & EN 18031 & EN 303645 (RED)
- IP65 enclosure suitable for outdoor use
- IK10 protection rating
- 3 years standard warranty

Smart & Eco-friendly

- Intelligent App for remote control and monitoring
- Scheduled charging and off-peak charging modes
- Adjustable charging current (6A to 32A)
- Solar charging under Solar PV & Eco-Mode[1]
- Dynamic load balancing[1]

User-friendly

- APP & RFID & NFC for user authentication or easy set up to Plug & Play mode
- Lock / unlock the charger via APP
- Wireless firmware updates via Bluetooth
- OCPP

1. Smart energy meter is required for this function.

SOL APOLLO Series

Series:
SOL7.4H-WP, SOL7.4H-WS, SOL7.4H-WSS
SOL11H-WP, SOL11H-WS, SOL11H-WSS
SOL22H-WP, SOL22H-WS, SOL22H-WSS

Technical Datasheet

7.4 kW Single Phase

		SOL7.4H-WP		SOL7.4H-WS/WSS
Input & Output	Rated Voltage	230 V ac		
	Rated Frequency	50 Hz / 60 Hz		
	Max. Output Power	7.4 kW		
	Max. Output Current	32 A		
	Standby Power Consumption	< 5 W		
	Residual Current Detection	DC 6 mA		
	Connector Type (IEC62196-2)	Type 2		Type 2 socket[1,2]
	Cable Length	5 m	7.5 m	–
User Interface & Control	Network Interface	Wi-Fi, Bluetooth, RS485, LAN		
	RFID/NFC Reader	●		
	Status Indication	LED Light strip		
	Smart APP	●		
	Communication Protocol	OCPP1.6J[3]		
Working Environment	Ingress Protection	IP65		
	Operating Temperature Range	-25 °C ~ 50 °C		
	Storage Temperature Range	-40 °C ~ 70 °C		
	Relative Humidity	5% - 95%, non-condensing		
	Altitude	Up to 2000 m		
	Cooling Concept	Natural Convection		
Mechanical	Impact Protection Class	IK10		
	UV Resistant	●		
	Mounting	Wall / Pedestal		
	Dimensions (W/H/D)	230 / 360 / 130 mm		
	Weight	4.0 kg	5.0 kg	3.0 kg
	Colour	● Morandi Blue / ● Black		
	Cable Holder	●		–
Safety	DC Leakage Protection	●		
	Over Temperature Protection	●		
	Ground Protection	●		
	Surge Protection (EN60664)	● (Type III)		
	Certification	CE, TUV, IEC 61851-1, EN 18031, EN 303645		

● Standard features / O optional features / – not available
1) Self-closing cover and built in electronic lock is standard
2) Shutter for cover is optional
3) OCPP1.6J is available from firmware 2.01 and above

11 kW Three Phase

		SOL11H-WP		SOL11H-WS/WSS
Input & Output	Rated Voltage	400 V ac		
	Rated Frequency	50 Hz / 60 Hz		
	Max. Output Power	11 kW		
	Max. Output Current	16 A		
	Standby Power Consumption	< 5 W		
	Residual Current Detection	DC 6 mA		
	Connector Type (IEC62196-2)	Type 2		Type 2 socket[1,2]
	Cable Length	5 m	7.5 m	–
User Interface & Control	Network Interface	Wi-Fi, Bluetooth, RS485, LAN		
	RFID/NFC Reader	●		
	Status Indication	LED Light strip		
	Smart APP	●		
	Communication Protocol	OCPP1.6J[3]		
Working Environment	Ingress Protection	IP65		
	Operating Temperature	-25 °C ~ 50 °C		
	Storage Temperature Range	-40 °C ~ 70 °C		
	Relative Humidity Range	5 % - 95 %, non-condensing		
	Altitude	Up to 2000 m		
	Cooling Concept	Natural Convection		
Mechanical	Impact Protection Class	IK10		
	UV Resistant	●		
	Mounting	Wall / Pedestal		
	Dimensions (W/H/D)	230 / 360 / 130 mm		
	Weight	4.0 kg	4.5 kg	3.0 kg
	Colour	● Morandi Blue / ● Black		
	Cable Holder	●		–
Safety	DC Leakage Protection	●		
	Over Temperature Protection	●		
	Ground Protection	●		
	Surge Protection (EN60664)	● (Type III)		
	Certification	CE, TUV, IEC 61851-1, EN 18031, EN 303645		

● Standard features / O optional features / – not available
1) Self-closing cover and built in electronic lock is standard
2) Shutter for cover is optional
3) OCPP1.6J is available from firmware 2.01 and above

Technical Datasheet

22 kW Three Phase

		SOL22H-WP		SOL22H-WS/WSS
Input & Output	Rated Voltage	400 V ac		
	Rated Frequency	50 Hz / 60 Hz		
	Max. Output Power	22 kW		
	Max. Output Current	32 A		
	Standby Power Consumption	< 5 W		
	Residual Current Detection	DC 6 mA		
	Connector Type (IEC62196-2)	Type 2		Type 2 socket[1,2]
	Cable Length	5 m	7.5 m	–
User Interface & Control	Network Interface	Wi-Fi, Bluetooth, RS485, LAN		
	RFID/NFC Reader	●		
	Status Indication	LED Light strip		
	Smart APP	●		
	Communication Protocol	OCPP1.6J[3]		
Working Environment	Ingress Protection	IP65		
	Operating Temperature Range	-25 °C ~ 50 °C		
	Storage Temperature Range	-40 °C ~ 70 °C		
	Relative Humidity	5 % - 95 %, non-condensing		
	Altitude	Up to 2000 m		
	Cooling Concept	Natural Convection		
Mechanical	Impact Protection Class	IK10		
	UV Resistant	●		
	Mounting	Wall / Pedestal		
	Dimensions (W/H/D)	230 / 360 / 130 mm		
	Weight	4.0 kg	4.5 kg	3.0 kg
	Colour	● Morandi Blue / ● Black		
	Cable holder	●		–
Safety	DC Leakage Protection	●		
	Over Temperature Protection	●		
	Ground Protection	●		
	Surge Protection (EN60664)	● (Type III)		
	Certification	CE, TUV / EN / IEC 61851-1, EN 18031, EN 303645		

● Standard features / O optional features / – not available
1) Self-closing cover and built in electronic lock is standard
2) Shutter for cover is optional
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Solplanet's App

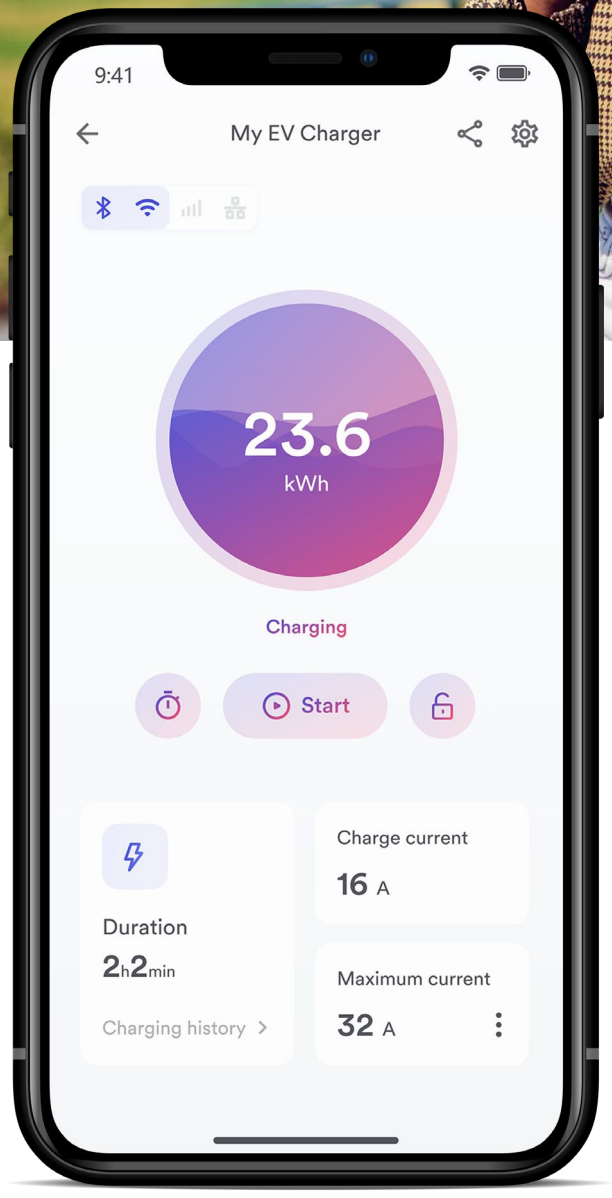
Our state-of-the-art App allows you to manage, configure and control your charger remotely from your mobile device.
Full control in the palm of your hand!

With an elegant and user-friendly interface. We, at Solplanet are driven by the idea of making things easy for installers and end-users alike, we've developed this App after thoroughly researching the habits and needs of our users.

Join us for a fully charged drive towards a green future!

Features

- Multiple wireless control solutions:
  Standard wireless communication via Wi-Fi or Bluetooth.
- Charging history:
  Understand your personal charging habits through a graphical interface, to optimize your experience
- Scheduled charging sessions:
  Manage your charging times and save costs by using off-peak electricity rates or your own solar energy production.
- Security:
  Instantly lock and unlock your charger through your mobile device
- Shared management:
  Easy-to-use configuration to grant shared management access to your family or community
- Upgrade service:
  Compatible with an energy meter, allowing you to take advantage of solar charging and dynamic load balancing feature



Easy and smart charging experience.

Harness the power of the sun

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.

Easy-to-install

- Quick & easy-to-install with standard tools
- Quick setup and commissioning with Solplanet apps
- Compact wall mount design

Reliable

- International quality standards
- Integrated DC switch
- IP rated design for outdoor use

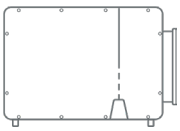
User-friendly

- User-friendly app interface
- Online monitoring via Wi-Fi and Solplanet apps
- Award winning inverter design

ASW 25-40 LT-G3

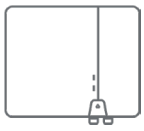
Explore our product catalogue

We offer a variety of high-quality products designed to cover your needs, no matter the size of your installation. Our deep experience in the PV industry and the manufacturing of solar inverters allows us to provide highly reliable interconnectable equipment. With this SOL APOLLO EV Charger series, we give a new step to a greener future.



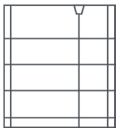
String inverters

AC EV Chargers



Hybrid inverters

Connect & monitor Systems



Batteries

Visit our website and discover the Solplanet product family.

solplanet.net

Contact your local Solplanet team:

Our global presence ensures localized support to meet your specific needs. For any service or sales inquiries, please contact the dedicated Solplanet team in your region.

Detailed contact information, including phone numbers and email addresses, for each of our worldwide offices is provided below. Our knowledgeable teams are ready to assist you with prompt and efficient service tailored to your geographical location.

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