

Driving towards a green future

SOL APOLLO Series
Smart AC EV Chargers





Photo by Franckreporter

Fully
charged
and ready!





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 development and research 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 our profound expertise 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 Zeyversolar.

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.

By launching our versatile and reliable Solplanet EV chargers, which can harness the power generated by our Solplanet inverters, we are taking a new step into becoming a key contributor to the global e-mobility revolution.

solplanet.net



Solplanet's new generation of 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.

This new generation of AC EV Chargers come as a result of dedicated research, design and development based on our deep knowledge in the field of photovoltaic technology. 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!



Innovative design

- Elegant design with a dynamic and robust streamlined body
- By leveraging high tech paint technology, the sleek and aesthetically pleasing EV charger blends perfectly with both your EV and home
- Replaceable front cover for convenient substitution and additional color options



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



Safe

- TÜV IEC 61851-1 & CE compliant
- Built-in PEN fault detection without extra earth rods
- Type 2 socket with shutter (opt.)
- Dynamic load balancing (opt)



Reliable

- IP65 enclosure suitable for outdoor use
- IK10 protection rating
- Exterior & interior covers for multiple protection
- 3 years standard warranty



Smart & Eco-friendly

- Intelligent Ai-charging App for remote control and monitoring
- Scheduled charging and off-peak charging modes
- Adjustable charging power (6A to 32A)
- Lock / unlock the charger via APP
- Solar charging under Solar PV & Eco Mode (opt.)
- Recyclable packaging



User-friendly

- APP & RFID & NFC for user authentication or easy set up to Plug & Play mode
- Integrated NFC technology, unique authentication via smartphone
- Cable Holster housing design
- Ergonomic plug handles
- LED status indicators
- Wireless firmware updates
- Automatic phase detection and balancing

SOL APOLLO Series

Series:
SOL7.4H
SOL11H
SOL22H



7.4 kW Single Phase

		Cable Version	Socket Version
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	WIFI & Bluetooth & RS485 & LAN ³	
	RFID/NFC Reader	●	
	Status Indication	LED Light strip	
	Built-in 4G	○	
	Smart APP	●	
Working Environment	Protection	IP65 (Enclosure)	
	Operating Temperature	-25°C to 50°C	
	Storage Temperature	-40°C to 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	
	Dimensions (W/H/D)	230 / 360 / 130 mm	
	Weight	5.1 kg	2.6 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	

● Standard features / ○ optional features / - not available

1) Self-closing cover and built in electronic lock is standard

2) Shutter for cover is optional

3) LAN is optional

Optional energy meter for solar charging function and dynamic load balancing

Version: July 2023

11 kW Three Phase

Cable Version

Socket Version

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	WIFI & Bluetooth & RS485 & LAN ³	
RFID/NFC Reader		●		
Status Indication		LED Light strip		
Built-in 4G		○		
Smart APP		●		
Working Environment	Protection	IP65 (Enclosure)		
	Operating Temperature	-25°C to 50°C		
	Storage Temperature	-40°C to 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		
	Dimensions (W/H/D)	230 / 360 / 130 mm		
	Weight	5.1 kg	2.6 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		

22 kW Three Phase

Cable Version

Socket Version

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	WIFI & Bluetooth & RS485 & LAN ³	
RFID/NFC Reader		●		
Status Indication		LED Light strip		
Built-in 4G		○		
Smart APP		●		
Working Environment	Protection	IP65 (Enclosure)		
	Operating Temperature	-25°C to 50°C		
	Storage Temperature	-40°C to 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		
	Dimensions (W/H/D)	230 / 360 / 130 mm		
	Weight	5.1 kg	2.6 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		

● Standard features / ○ optional features / - not available
 1) Self-closing cover and built in electronic lock is standard
 2) Shutter for cover is optional
 3) LAN is optional
 Optional energy meter for solar charging function and dynamic load balancing
 Version: July 2023

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Ai-charging App

Our state-of-the-art Ai-charging 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 WIFI / Bluetooth / 4G (opt.)
- Security: Instantly lock and unlock your charger through your mobile device
- Charging history: Understand your personal charging habits through a graphical interface, to optimize your experience
- Shared management: Easy-to-use configuration to grant shared management access to your family or community
- Scheduled charging sessions: Manage your charging times and save costs by using off-peak electricity rates or your own solar energy production
- 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.

To download the app search for "Ai-charging" or simply scan the QR codes:



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.



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 new SOL APOLLO EV Charger series, we give a new step to a greener future.



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
- IP65 rated design for outdoor use



User-friendly

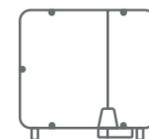
- User-friendly app interface
- Online monitoring via Wi-Fi and Solplanet apps
- Award winning inverter design



Single phase string inverters



AC EV Chargers



Three phase string inverters



Connect & monitor Systems



Hybrid inverters

Visit our website and discover the Solplanet product family.

solplanet.net

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