

AC EV Charger 7.4 to 22 kW

SOL APOLLO Series



Models:

SOL7.4H-WP, SOL7.4H-WS, SOL7.4H-WSS

SOL11H-WP, SOL11H-WS, SOL11H-WSS

SOL22H-WP, SOL22H-WS, SOL22H-WSS



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



Reliable

- Elegant design with a dynamic and robust streamlined body
- IP65 enclosure suitable for outdoor use
- IK10 protection rating
- TÜV IEC 61851-1 & CE compliant



Smart & User-Friendly

- Intelligent App for remote control and monitoring
- Scheduled charging and off-peak charging modes
- APP & RFID & NFC for user authentication or easy set up to Plug & Play mode
- Communication capabilities including WiFi, Bluetooth, and Ethernet connectivity
- Solar charging under Solar PV & Eco Mode (optional)

Technical Datasheet		SOL7.4H-WP		SOL7.4H-WS/WSS		SOL11H-WP		SOL11H-WS/WSS		SOL22H-WP		SOL22H-WS/WSS	
Input & Output	Rated Voltage	230 V AC			400 V AC								
	Rated Frequency	50 Hz / 60 Hz											
	Max. Output Power	7.4 kW			11 kW			22 kW					
	Max. Output Current	32 A			16 A			32 A					
	Standby Power Consumption	< 5 W											
	Residual Current Detection	DC 6 mA											
	Connector Type (IEC62196-2)	Type 2	Type 2 socket ^{1,2}	Type 2	Type 2 socket ^{1,2}	Type 2	Type 2 socket ^{1,2}						
	Cable Length	5 m / 7.5 m	-	5 m / 7.5 m	-	5 m / 7.5 m	-						
User Interface & Control	Network Interface	WIFI & Bluetooth & RS485 & LAN											
	RFID/NFC Reader	●											
	Status Indication	LED Light strip											
	Built-in 4G	○											
	Smart APP	●											
Working Environment	Ingress 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 / Pedestal											
	Dimensions (W/H/D)	230 / 360 / 130 mm											
	Weight	5.1 kg	2.6 kg	5.1 kg	2.6 kg	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) Optional energy meter for solar charging function and dynamic load balancing
 Version: May 2024

