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					
	Smart APP	●					
Working Environment	Ingress Protection	IP65 (Enclosure)					
	Operating Temperature	-25℃ to 50℃					
	Storage Temperature	-40℃ to 70℃					
	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
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