

AC EV Charger 7.4 to 22 kW

SOL APOLLO Series



Models:
SOL 7.4H
SOL 11H
SOL 22H



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

7.4kW

11kW

22kW

Input & Output	Rated Voltage	230 V ac		400 V ac		400 V ac	
	Rated Frequency	50 Hz / 60 Hz					
	Max. Output Power	Cable Version	Socket Version	Cable Version	Socket Version	Cable Version	Socket Version
	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	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	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

Optional energy meter for solar charging function and dynamic load balancing

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