

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

- Easy-to-install with standard tools
- Cable entry on the front or rear of the housing
- Quick set-up via Bluetooth and APP



## Safe & reliable

- IP65 enclosure suitable for indoor & outdoor use
- IK10 protection rating
- TÜV IEC 61851-1 & CE compliant



## Smart & Eco-friendly

- Solar Eco Mode & Automatic phase switching
- Intelligent App for remote control and monitoring
- Dynamic load balancing



## User-Friendly

- Remote update via APP
- Lock / unlock the charger via APP
- Integrated RFID card reader & NFC

Technical Datasheet

| 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 <sup>1,2</sup> | Type 2      | Type 2 socket <sup>1,2</sup> | Type 2      | Type 2 socket <sup>1,2</sup> |
|                          | 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°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  
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