Item no.: SM-SP-40

SM-SP-40 - SunMAX SolarPoint

189,²⁵ EUR

Item no.: SM-SP-40
shipping weight: 0.70 kg
Manufacturer: Ubiquiti

📄 Product Description

SM-SP-40 - SunMAX SolarPoint

SunMAX(TM) SolarPoint(TM) is a remote managed MPPT 24 V, 7 A charge controller with a built-in 4 port 24 V PoE 10/100 Mbps switch and one DC output delivering up to 40 W. It comes with built-in weather prediction service, which together with AI algorithms will provide you with critical information about your solar site's existing and future performance.
<u>Features:</u>

- Indoor and outdoor use
- PV panel input 10 – 60 V
- 4-port 24 V PoE output 10/100 switch
- 24 V DC-out terminal
- Max. output power 40 W
- External 24 V battery charging up to 7 Amps (supports SLA, AGL, AGM)

* Batteries and solar panels not included.

- Dimensions: 202 x 186 x 50 mm (7.95 x 7.32 x 1.97")
- Weight: 650 g (1.43 lb)
- Enclosure characteristics: UV-resistant Polycarbonate, outdoor use
- Max. power consumption: 2 W
- Networking interface: (4) 10/100 Fast Ethernet ports
- Management interface: Ethernet; Wi-Fi (2.4 GHz)
- Button: Reset
- LEDs: System, output
- Power source: PV panel (H4 connectors)
- PV input voltage range: 10 - 60 V (reverse protection, surge protection)
- PV maximum current: 10 A
- PV power control: MPPT
- Output interfaces: 24 V DC passive PoE (pins 4, 5+; 7, 8-); 24 V DC terminal block
- Output voltage: Battery voltage limited to 24 V (surge protection)
- Maximum power output: PoE: 17 W; DC out: 24 W; Total: 40 W max.
- Battery type: 24 V SLA, AGM, gel lead battery
- Boost voltage steps: 27.4 V, 28.2 V, 29.1 V, 30 V
- Float charge voltage: 95% of boost voltage
- Max. charge current: 7 A
- Under voltage protection: 22 – 23.6 V software configurable; 22 V hardware protection; Two priority levels for output disable
- Operating temperature: -20°C to 50°C (-4°F to 122°F)
- Operating Humidity: IPx4
- Certifications: FCC, IC, CE

📄 Specifications