



SunMAX SolarPoint Remote MPPT Charge Controller, 40W

SM-SP-40

SKU: 170911

The SunMAX™ SolarPoint™ is a remotely managed MPPT 24V 7A charging appliance with a built-in, four-port, 24V PoE, 10/100 Mbps switch and one DC output that delivers up to 40W. 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.

Features

- Indoor and Outdoor use
- PV Panel Input 10 – 60V
- 4-port 24V PoE output 10/100 switch
- 24V DC-Out Terminal
- Max output power 40W
- External 24V Battery Charging up to 7Amps (supports SLA, AGL, AGM)

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	2W
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 - 60V (Reverse Protection, Surge Protection) Maximum Open Circuit Voltage 60V
PV Maximum Current	10A
PV Power Control	MPPT
Output Interfaces	24VDC Passive PoE (Pins 4, 5+; 7, 8-) 24VDC Terminal Block
Output Voltage	Battery Voltage Limited to 24V (Surge Protection)
Maximum Power Output	PoE: 17W DC Out: 24W Total: 40W Max.
Battery Type	24V SLA, AGM, Gel lead battery
Absorption Voltage Steps	27.4V, 28.2V, 29.1V, 30V
Float Charge Voltage	95% of Absorption Voltage
Max. Charge Current	7A
Under Voltage Protection	22 – 23.6V Software Configurable 22V Hardware Protection Two Priority Levels for Output Disable

Operating Temperature*	-20 to 50° C (-4 to 122° F)
Operating Humidity	IPx4
Certifications	FCC, IC, CE