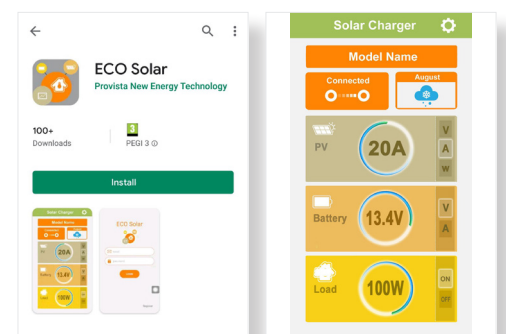
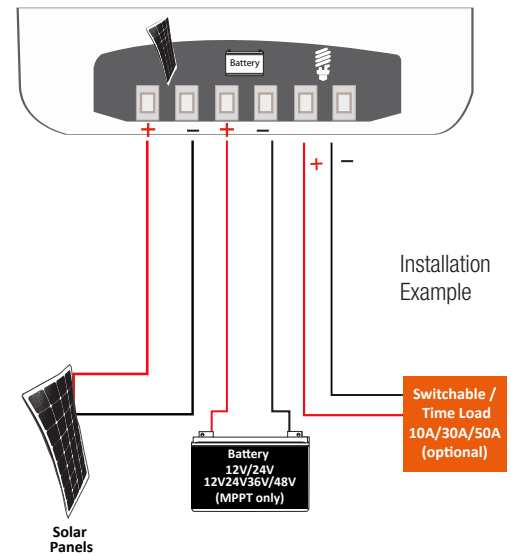


WP-Suntrack 50

MPPT Solar Charge Controller



The WhisperPower Suntrack 50 MPPT Solar Charge controller is connecting solar panels (PV) to a 12, 24 or 48 VDC battery. The advanced MPPT technology applied ensures a fast and complete charge, even under cloudy and fluctuating weather circumstances. The Suntrack 50 comes with a monitoring APP (Ecosolar) and bluetooth connection.



- SunTrack regulator includes MPPT technology (MPPT= Maximum Power Point Tracking converting extra voltage in to charge current. Increases system efficiency by approximately 30%)

WP-Suntrack 50	
Article Nr.	60111436
PV INPUT	
PV max open circuit voltage (VDC)	135 V
MPPT voltage	16-108 V
Max PV input power	12V Battery 700W; 24/48V Battery 1400W;
Max MPPT current	12/24 V / 50 A; 36V / 35 A; 48 V / 25 A
DC OUTPUT	
Battery voltage	12 V / 24 V / 36 V / 48 V
Battery capacity	≥50Ah
Output current	50A Max
Constant voltage charging voltage	STD: 14.4 V/28.8 V/43.2 V/5 7.6 V - LI: 14.5V - AGM: 14.6V/29.2V/43.8V/ 58.4V
LOAD OUTPUT	
Output voltage	12V/24V/36V/48V
Output current	50A
Output protection current	55A
USB OUTPUT	
Output voltage	5V
Max output current	3.4A Max
Standby current	Battery input 12VDC
Solar charger	<60 mA
Solar charger + Wifi module	<160 mA
PROTECTIVE FUNCTION	
PV/Battery input high/low voltage protection	Yes
PV/Battery reverse connection protection	Yes
Load overcurrent/short circuit protection	Yes
Temp protection	Yes (90°C)
Operation Temperature	-10 — +40
DIMENSIONS	
WxHxD (mm)	177x 238 x 73 mm
Weight	2.3 kg

Available from 1-12-2019

