

50W Mono Solar Panel with built in Weatherproof Battery Charger



Do Not Use On: LiFePO4/Lithium-Ion Batteries



Intelligent MPPT Charge Controller

Optimizes the performance of the solar panel
Generates at least **10%-20%** more power than PWM and protects battery from:
Discharge, Reversed polarity, Over-charge, Over-voltage



NEW!

GC-50W-P/W

- The parameters are tested under International Standard Test Condition(STC: Temperature: 25C, Irradiance: 1000 W/m², Air mass 1.5 (AM1.5))
- The main factors affecting the performance of the solar charger are Temperature, Sunlight strength and Atmosphere in your real time conditions.
- Designed for 12V DO NOT USE IT ON 6V, 24V ,36V batteries.
- Capable Of Charging: 7-18Ah battery and capable of maintaining 20-100Ah battery, when the battery is being stored or not used regularly.



GC-5M EXT

5 Meter Extension Cable
(Maximum Of 2 Per Unit) can be used.

Technical Parameters:

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Rated Power Output	50W
Power Tolerance	± 5%
Operating Power Voltage	18V
Operating Power Current	2.78A
Open Circuit Voltage(Voc)	21.6V
Short Circuit Current(Isc)	2.96A
Trickle Charging Current	0.2A
Floating Charging Voltage	13.8V
Overcharge Protection Voltage	14.4V
Current Temperature Coefficient	0.1 %/° C
Voltage Temperature Coefficient	-0.37 %/° C
Power Temperature Coefficient	-0.45 %/° C
Operating Temperature	-40°C - 85°C
Max.Snow/Wind load	2400 Pa
Cable Diameter/Length	20AWG/3m
Waterproof Grade	IP65
Solar Panel Measurements	590.44 x 520.07 x 20.54mm

Suitable For:

Gate Motors, Fence Energisers, 4x4's, Camping, Caravans, Boats/Jetski's & Tractors.



ALSO WALL MOUNTABLE