

GP-MPPT-40 : Solar Charge Controller by Go Power!



Price: CAD \$89.00 - CAD \$569.00

SKU: GPMPT40

Product Categories: [Charge Controllers](#), [MPPT : 30A-39A](#), [MPPT : 40A-59A](#), [Shop](#)

Product Tags: [40 amp](#), [40a](#), [boat](#), [canada](#), [go power](#), [gp-mppt-40](#), [gp-mppt-40 canada](#), [MPPT](#), [mppt-40](#), [regulator](#), [rv](#), [solar controller](#), [van](#)

Product Page:

<https://www.modernoutpost.com/product/gp-mppt-40-solar-charge-controller-by-go-power/>

Product Variants

- GP-MPPT-40 : Solar Charge Controller by Go Power! - Controller with Display ()
- GP-MPPT-40 : Solar Charge Controller by Go Power! - Controller Only ()
- GP-MPPT-40 : Solar Charge Controller by Go Power! - Display Only ()

Product Summary

The GP-MPPT-40 Solar Charge Controller by Go Power! is a fantastic solar controller for RV's, boats, trucks, and van conversions. Offering both robust MPPT algorithm for maximum power yield from your solar panels, and advanced features like stacking (for 80A capacity). A long 5-year warranty provides peace of mind.

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The Go Power! 40 amp MPPT solar controller brings maximum efficiency in a smaller package. The most compact controller in its class. It maintains the life of the battery by protecting it from overcharging. When your battery has reached 100% state of charge, the controller prevents overcharging by limiting the current flowing into the batteries from your solar array. The GP-MPPT-40 optimizes solar charging capacity in mobile systems in all sun and tilt conditions while allowing the use of simpler series wiring configurations up to 150V (Voc @ STC).

MPPT-40 Features...

- The most efficient MPPT controller for RVs - Maximizes energy yield in any insolation/array tilt conditions - Increases charge output on flat mounted arrays compared to PWM controllers - Charges 12/24V Batteries with higher voltage arrays - Accepts Series wired PV inputs up to 150 Voc (STC) - Stackable: add an additional controller for 80A - Easy-to-read backlit digital remote display - Heavy-duty terminals for low resistance connections - Included in our larger, multi-panel solar kits - Up to 98% power conversion efficiency - 5-year

warranty

MPPT-40 Charge Controller Specification Summary

System Voltage : 12/24V (auto-recognition)

Max Charge Current : 40A

Max Panel Input Voltage : 150 Voc

Max PV Power Input : 600W@12V / 1200W @24V

Min PV Voltage Input : 16V (12V Systems) / 33V (24V Systems)

Ambient Temperature : -40° to +60° C

Battery Types : Lead Acid (SEALED, AGM, Flooded)

Max Wire Cross Section : AWG 2

Dimensions : 169 x 173 x 57 mm

Weight : 1.1 kg

Type of Protection : IP20

Warranty : 5 Years

[Full Spec Sheet](#)] [User Manual - Controller](#)] [User Manual - Remote Control Display](#)]

Product Attributes

- Dimensions: 1 × 1 × 1 cm
- Weight: 1 kg
- Part: Controller with Display, Controller Only, Display Only

Product Gallery



