

Solar Extreme PWM : 570W Solar Energy System by Go Power



Price: CAD \$4,469.00

SKU: GP-SOLAR-EXTREME

Product Categories: [Boats & Yachts](#), [On The Road](#), [On The Roof](#), [On The Water](#), [Pop Picks For Vans & RVs](#), [RV & Van Systems](#), [Tiny House Power](#)

Product Tags: [boat](#), [cabin](#), [canada](#), [go power solar extreme](#), [go power solar kit](#), [rv](#), [rv solar package canada](#), [solar extreme](#), [solar extreme kit](#), [solar kit](#), [solar kit for van conversion](#), [solar package](#), [solar power package](#), [tiny house](#), [van](#)

Product Page:

<https://www.modernoutpost.com/product/solar-extreme-570w-solar-energy-ac-dc-system-by-go-power/>

Product Summary

The Solar Extreme is Go Power!'s largest complete AC/DC solar and inverter

system. Everything you need for energy independence (except the batteries). This system can generate up to 27 Amps of battery charging power, and provides enough household AC power to run up to 3000 watts of appliances. An excellent choice for RVs, van conversions, trailers, tiny homes, cabins, workshops, and more.

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The Solar Elite also includes a 3000-watt Inverter Charger, an all-in-one unit that combines 3000 watts of pure sine wave AC power with a built-in battery charger and transfer switch. This unit wires directly to your AC service panel to provide household AC power to kitchen appliances, TV's, satellite receivers, computers, and more.

This package provides you charging flexibility between the sun and shore power, as well as the ability to connect power to your 120-volt outlets. A SOLAR EXTREME system will provide you with all of the comforts of home and allow you to be truly 'off the grid'.

The Solar Extreme System Includes...

Three 190-watt monocrystalline solar panels ([GP-PV-190M](#))

30-amp dual-bank, Bluetooth® PWM Solar Controller ([GP-PWM-30-UL](#))*

3000-watt pure sine inverter/charger with remote (GP-IC3000-12)

- IC Series Inverter Charger Remote and 50' of cable (GP-ICR-50) - Built-in AC

input transfer switch for shore power or generator : 100 A (2x50A Legs) - DC inverter install kit (GP-DC-KIT5) : 400 A fuse, 4/0 cable - Wire: 1 x 25' of MC4 output cable (#10) red & 1 x 25' of MC4 output cable (#10) black - Mounting hardware (1 x [GP-MH-4-KB](#))]

Solar Extreme System Specifications In Brief

Solar Modules

Solar cell type : Monocrystalline

Output power : 190 W (kit contains 3 modules = 570W)

Rated current : 9.45 A

Rated DC voltage : 20.4 V

Open-circuit voltage : 24.09 V

Module efficiency : 21%

Connectivity : MC4 connectors

Frame type : Clear anodized aluminum frame

Certifications : CE

Dimensions : 59.1 x 26.3 x 1.58 in / 1500 x 668 x 40 mm

Weight : 12kg / 26.4 lbs

Solar Controller

Controller Type : PWM

Processing Power : 30 A

Features : 2, 3, or 4 stage charging, digital display, flush mount, dual bank with USB

Warranty : 25 years power output (module) / 5 years (controller)

Inverter / Charger

Output Power (up to 40°C) : 3000W

Surge Power (100 milliseconds) : 6000W

Surge Power (5 seconds) : 4800W

Peak Output Current : 52A

Continuous Output Current : 25A

Output Voltage : 115 VAC

Output Frequency : 60 Hz \pm 0.1Hz

Output Waveform : Pure Sine Wave

Efficiency (Peak) : 90%

DC Input Voltage Range : 9-17 VDC

Maximum Continuous DC Input Current : 400 ADC

No Load Power Consumption :

Normal Mode: 25W,

Sleep Mode: <5W

AC Connections :

Split Phase In/Dual Out

Dual In/ Dual Out

Smart Converter & Transfer Switch (Built into the Inverter)

Input Voltage Nominal : 120 VAC

Input Voltage Range : 80 - 140VAC

Input Current : 18A

Input Power Factor Correction : 0.97 typical

Optimal Efficiency : >85%

Charge Control : 3 stage with manual equalize

Output Voltage : 5-16 VDC

Output Current : 125A

Change Temperature Compensation : Remote Battery Sensor

Solar Extreme System Upgrades & Adds 60A MPPT Solar Charge Controller

Replace the 30A PWM with a [60A MPPT solar charge controller](#)]. Don't forget the remote display module.

Get greater yield from your solar panels, add more solar capacity, string solar modules together in series for longer distances from solar to battery.

AGM Batteries

Maintenance-free deep cycle lead acid for economical durability

[Sun Cycle 100Ah, 12V](#)] **Sun Cycle 224Ah, 6V** (Golf-Cart format)

Lithium Batteries [Sun Cycle Lithium 100Ah 12V LiFePO4](#)] [Sun Cycle Lithium 250Ah 12V LiFePO4](#)]

Need to consider other system edits?

[Send us a note](#)]!

Product Attributes

- Dimensions: 1 × 1 × 1 cm
- Weight: 44 kg

Product Gallery

RELIABLE POWER, ANYWHERE



CONVENIENT 3-IN-1 POWER



INNOVATIVE TECHNOLOGY

Enjoy the ease of three products in one:
Inverter - Battery Charger - Transfer Switch



3-YEAR WARRANTY

Go Power! backs its products with some
of the longest warranties in the industry



SAFETY FEATURES

We go above and beyond to certify our
products with industry safety certifications



Bluetooth® Wireless Technology

Download our free Go Power! Connect app, the ULTIMATE
gas gauge for your battery.





