

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



Price: CAD \$4,699.00

SKU: GP-SOLAR-EXTREME-MPPT

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](#), [MPPT](#), [rv](#), [rv solar package canada](#), [solar extreme](#), [solar extreme kit](#), [solar extreme mppt](#), [solar kit](#), [solar kit for van conversion](#), [solar package](#), [solar power package](#), [tiny house](#), [van](#)

Product Page:

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

Product Summary

The Solar Extreme, Go Power!'s largest complete AC/DC solar and inverter system, upgraded with a 60A MPPT solar charge controller. Everything you need for energy independence (except the batteries). This system can accommodate over 850W of solar panel power for faster battery charging, 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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Three monocrystalline modules producing up to 190W each in full sun send energy into your battery bank through an advanced PWM solar charge controller. This energy is then available to all the DC loads in your system such as lights, pumps, fridges, and more.

The MPPT solar charge controller allows you to string modules together in series (up to 150Voc) for longer distances between the solar panels & batteries, while improving your energy yield through the MPPT maximum power point tracking algorithm. You can also accommodate current 60-cell and 72-cell modules with this controller (replacing the 190M panels)

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](#))

- 60-amp MPPT Solar Controller ([GP-MPPT-PRO-60](#))]

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

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

Warranty : 25 years power output

Solar Controller

Controller Type : MPPT

Processing Power : 60 A

Features : 2, 3, or 4 stage charging, flush mount remote digital display

Warranty : 5 years

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 MPPT System Upgrades & Adds 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?

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Product Attributes

- Dimensions: 1 × 1 × 1 cm
- Weight: 45 kg

Product Gallery



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



Model	628H 60A MPPT PRO-DI			
Battery Voltage	12V	24V	36V	48V
Max Solar Power	800W	1600W	2400W	3200W
Solar Vmp	17V-120V	36V-120V	51V-120V	72V-120V
Max Solar Vdc	135V			
Max Charging Current	60A			
Max Load Power	240W	480W	720W	960W



