

# PORTABLE POWER SOLUTIONS

Lithium Iron Battery Bank • Quick and easy take-anywhere power  
Multiple Connections • Outputs to suit today's technology devices

**Wireless Chargers**  
2 Pads 25W max.

**12V** Car Accessories  
Socket 12V 120W max.

**USB Type-C**  
USB PD 100W

**INBUILT  
INVERTER  
240VAC**



## RECHARGE OPTIONS:

Mains 240Vac Charger Included  
Car Accessories Adaptor Included  
Solar Panel Direct Input (Optional)

USB-PD Charger (Not included)  
Combined with Mains Charger  
Will **RAPID** charge in 2Hrs (80%)

200W Solar (Direct Sunlight)  
Charges in approximately 3.5 Hrs



**59** Charges  
Phone(11wh)



**40** Charges  
game console(16wh)



**18** Charges  
Camera (36wh)



**18** Charges  
projector(36wh)



**11** Charges  
Laptop(60wh)



**16** Hrs  
CPAP Machine(40W)



**16** Hrs  
Mini fridge(40W)



**16** Hrs  
Pellet grill(60W)

## WORK SITE POWER SUPPLY



## GO ANYWHERE POWER

Get power to where you need it.  
700Wh Backup On Demand  
Up to 700W power tools

## WIDE COMPATIBILITY

Common MC4 Direct Solar Cell Connection  
+ Kits available to suit other Power Stations



## ONE-PIECE FOLDING DESIGN

Easy to set-up, Convenient to carry  
Strong and durable for transportation



## SOLAR CHARGER

**FLEXIBLE  
PORTABLE  
PANELS**





# PORTABLE POWER STATION

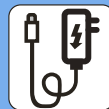
**LiFePO4 Lithium 700Wh Battery • 240Vac Inverter • USB PD  
Recharges from: 240Vac • 12Vdc • USB-PD • Optional Solar**



Emergency  
Back-Up  
Power Source  
for Home



Grade A  
LiFePO4 cells  
3000 cycles to  
80% capacity



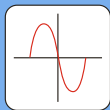
Charging Options  
240VAC charger  
Car accessories  
Optional solar



Large 3W  
LED Lantern  
+ Emergency  
SOS Strobe



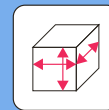
Work Site  
Portable  
Power



Clean and silent  
pure sine-wave  
240Vac outputs



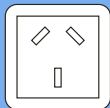
Fast charging  
USB-PD 100W  
USB-C outlets



300x250x210mm  
Weight: 7.5kg  
Carry Handle



Camping Power  
Source for  
Adventurers



2x AC outlets 700W  
2x 12V DC outlets  
1x Car Accessories  
4x USB PD Outputs



Qi wireless  
2 charging pads  
25W total.



Smart Protection  
CPU Monitored  
Diagnoses Codes

## PORTABLE POWER STATION 700W

### LiFePO4 BATTERY BANK WITH INBUILT 240V INVERTER

The SLR-PS700 Portable power station is a high power LiFePO4 battery in a portable case that offers multiple power supply solutions and includes a wide range of voltage inputs for many options when charging the power station from different power sources. It has multiple outputs for simultaneous charging and powering assorted devices to offer an all-round solution to emergency power and portable power situations.

- LiFePO4 Battery with 3000+ Life Cycles
- High power 22.4V 32Ah 716Wh Capacity
- Durable Automotive-Grade Aluminium Sub Frame
- LCD Status: Power in, Power out, % remaining
- 4 Ways to Recharge AC, USB-C PD, Car, Solar\*
- Inbuilt MPPT for Optional Solar\* (200W max.)
- LED lighting 3W ambient built in to the case
- AC Pure Sine Wave 700W (Surge 1050W) inverter
- USB, USB-C, outputs with PD (5-20V 100W max.)
- Qi Wireless charging. Two spaces on top. 25W
- Can supply and charge simultaneously
- Multiple bulletproof resettable protection circuits
- Inbuilt temperature sensitive fan cooling
- Compact tough case with easy to carry handle



Car Charger Solar Charge Cable



300 x 250 x 210 mm 7.5Kg

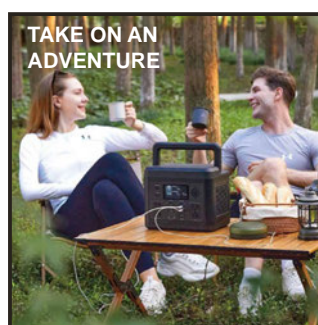
Code  
SLR-PS700



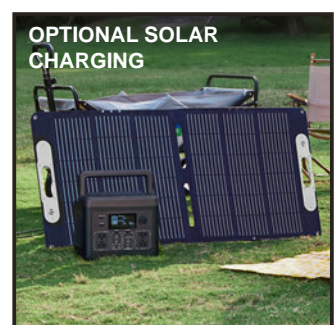
In-Built 3W LED Lamp



240Vac Inverter 700W  
USB PD up to 100W



Backup power at home or  
Take on an adventure anywhere



Charges from multiple sources  
Optional Solar Panels Available



# GREEN POWER



LiFePO4 Battery



Pure Sine Wave



10 Outputs Ports



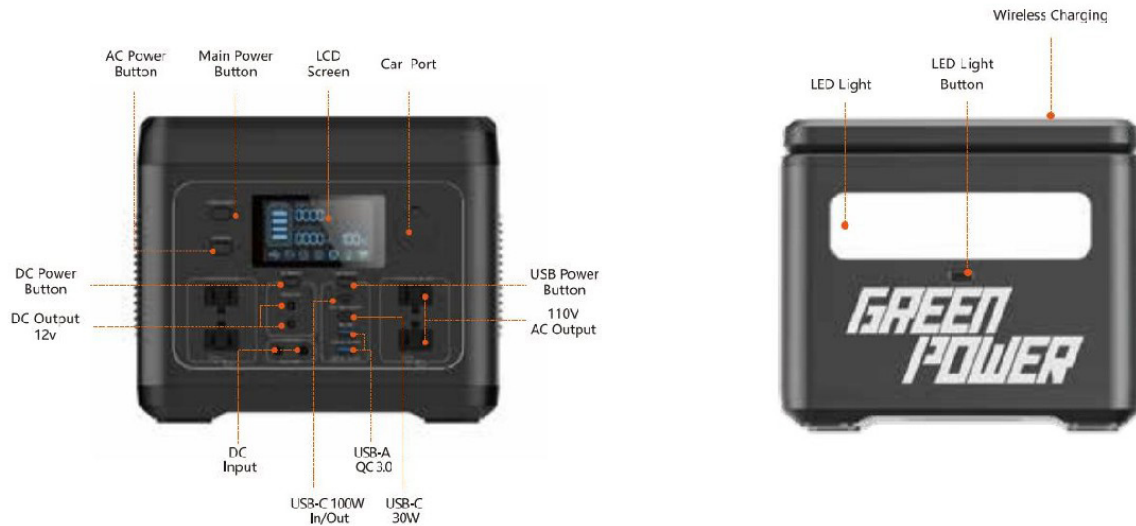
Smart BMS

## PS700

700W / 716Wh



# SUFFICIENT Ports For All Types Of Devices



## SPECIFICATIONS

GENERAL INFO	
Net weight	19.8lbs (9kg)
Dimensions	11*7.9*9in (28*20*23cm)
Capacity	716Wh(22.4V, 32Ah)
Certification	UL Standard, FCC, RoHS, PSE, CP65, MSDS, UN38.3, CE
INPUT PORTS	
Adapter Charger	25V~8A
Car Charger	Supports 12~14.4/24~28.8V=6A Max
Solar Panels	16~30V=6A Max, 200W MPPT
USB-C PD Input	5/9/12/15V~3A 20V~5A
OUTPUT PORTS	
AC(×4)	Pure Sine Wave, 700W . 110V~(60Hz)
USB-A Fast Charge(×2)	5V~3A 9V~2A 12V~1.5A 18W Max, per port
USB-C(×2)	5/9V~3A 12V~2.5A 15V~2A 33W Max
	5/9/12/15V~3A 20V~5A 100W Max
Wireless Charge(×2)	25W Max
Car Charge(×1)	12V~10A, 120W Max
LED Lighting	3W, 4Modes(High Light/Low Light/SOS/Flash)
DC5525 Output(×2)	12V~10A, 120W Max, per port
※ Car charger shares power with the DC5525 output port, offering a maximum output of 120W	
BATTERY INFO	
Cell Chemistry	LiFePO4 Battery
Warranty	2 year (after a full charge)
Cycle Life	Keep 80% capacity after 2000 standard cycles at 25+2°C
Protection	Over Voltage Protection, Overload Protection, Over Temperature Protection, Short Circuit Protection, Over Current Protection, Low Temperature Protection, Low Voltage Protection
ENVIRONMENTAL OPERATING TEMPERATURE	
Optimal Operating Temperature	50°F~68°F(10°C~20°C)
Discharge Temperature	14°F~104°F(-10°C~40°C)
Charge Temperature	41°F~104°F(5°C~40°C)
Storage Temperature	-4°F~104°F(-20°C~40°C)





## A RELIABLE Solar Generator

### 4 Ways To Recharge

With 4 different ways to top up the Mars 716, from solar panel to in-car charging, there's always a way to recharge no matter you're at home or on the go.



200w  
**Wall Charge**



200w  
**Solar Charge**



100w  
**PD Input**



12V/24V 6A  
**Vehicle Charge**

### THE ULTRA LONG-LASTING LFP BATTERY

Powered by premium LFP batteries, Mars 716 can keep in a healthy state after 3000 complete charge cycles. That's much safer and more durable, even in warm temperatures.

#### NMC

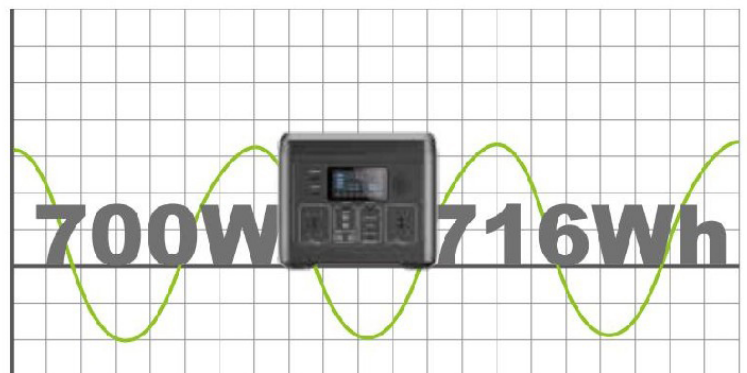
800 Cycles

#### LFP

>3000 Cycles

### Small Size & Big Power

Mars 716 packs the 700W AC inverter and 716Wh LiFePO4 battery, great for outdoor adventure, Self-Driving Tour, emergency and much more.



### Make Your Power Durable and Safety

With a unibody design and aluminum frame, Mars 716 is always ready for any tough situation and durable enough for the outdoors.



# POWER Wherever You Need

## Outdoor Adventure

- Camping
- Hiking
- Fishing
- RV
- Self-Driving Tour



Mobile Devices  
(10W/64Cycles)



Laptop  
(50W/13Cycles)



Camera  
(5W/128Cycles)



Walkie-Talkie  
(8W/80Cycles)



Flashlight  
(10W/64Cycles)



Bluetooth Speaker  
(20W/32.2Hrs)



Live Light  
(20W/32.2Hrs)



Light Bulb  
(30W/21.5Hrs)



Drone  
(60W/10Cycles)



CPAP  
(65W/78Cycles)



Radio  
(100W/6.4Hrs)



Microphone  
(200W/3.2Hrs)



Projector  
(300W/2.1Hrs)



Vehicle Refrigs  
(140W/13.8Hrs)



Electric Grill  
(600W/1.1Hrs)



## Home & Emergency Backup

- Home Backup
- Off-Grid Living
- DIY



WiFi Router  
(25W/25.8Hrs)



Electric Fan  
(70W/9.2Hrs)



TV  
(200W/3.2Hrs)



Computer  
(250W/2.8Hrs)

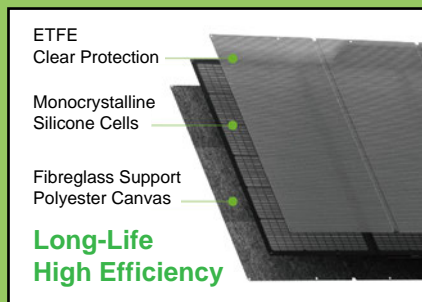


Blender  
(300W/2.1Hrs)



# SOLAR FLEXIBLE PANELS

## Monocrystalline Silicone Folding Blanket IP65 Portable MC4 Plugs • SLR-PS700 and Universal Compatible



### SOLAR PANEL 200W

#### FLEXIBLE MONOCRYSTALLINE FOLDING BLANKET

This flexible solar panel uses four high performance solar monocrystalline panels to produce up to 200W of power. This version has an 80cm lead to the standard MC4 solar panel type plugs. There is no charger or regulator with this model.

- 200W (Quad 50W) 25V 8A flexible monocrystalline silicone solar cells
- Portable, collapsible, only 7.7Kg, designed tough for the rigors of transporting
- Higher energy conversion rate up to 22% efficiency for better performance
- IP65 Sealed, durable ETFE coated for high temperature and corrosion resistance
- Convenient integrated kick-stands, easy pitch adjustment for optimum sun angle
- Compatible with SLR-PS700 plus many MC4 plug direct solar input systems
- 2250x550x25mm (Open) 550x550x45mm (Closed) with convenient carry handle
- Attached 80cm lead two MC4 plugs (MPPT / PWM regulator not included)

Watt	Type	Code
200W	Standard	SLR-SP200

#### FLEXIBLE MONOCRYSTALLINE WITH USB PD & COMPATIBILITY KIT

Same panel as SLR-SP200 with the addition of a regulator module attached. USB-PD & USB-C Sockets for high power output up to 36W. Universal DC Lead for connection to a wide range of 3rd Party Portable Power Stations.

Watt	Type	Code
200W	Universal	SLR-SP201



Compatibility Kit

### SOLAR PANEL 100W

#### FLEXIBLE MONOCRYSTALLINE FOLDING BLANKET

This flexible solar panel uses two high performance solar monocrystalline panels to produce up to 100W of power. This version has an 80cm lead to the standard MC4 solar panel type plugs. There is no charger or regulator with this model.

- 100W (Dual 50W) 18V 5.5A flexible monocrystalline silicone solar cells
- Portable, collapsible, only 4.4Kg, designed tough for the rigors of transporting
- Higher energy conversion rate up to 22% efficiency for better performance
- IP65 Sealed, durable ETFE coated for high temperature and corrosion resistance
- Convenient integrated kick-stands, easy pitch adjustment for optimum sun angle
- Compatible with SLR-PS700 plus many MC4 plug direct solar input systems
- 1240x560x25mm (Open) 620x560x35mm (Closed) with convenient carry handle
- Attached 80cm lead two MC4 plugs (MPPT / PWM regulator not included)

Watt	Type	Code
100W	Standard	SLR-SP100

#### FLEXIBLE MONOCRYSTALLINE WITH USB PD

Same panel as SLR-SP100 with the addition of a regulator module attached. USB-PD & USB-C Sockets for high power output up to 36W.

Watt	Type	Code
100W	Universal	SLR-SP101



Charge Box

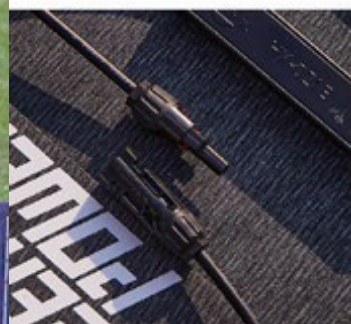




# GREEN POWER 200 SOLAR PANEL

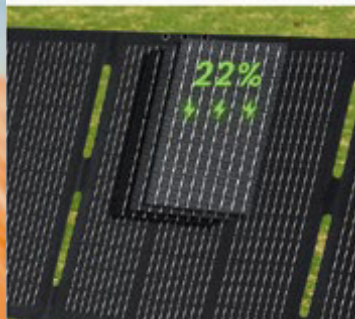
Monocrystalline silicon solar cells

MC4 OUTPUT  
CONTROLLER

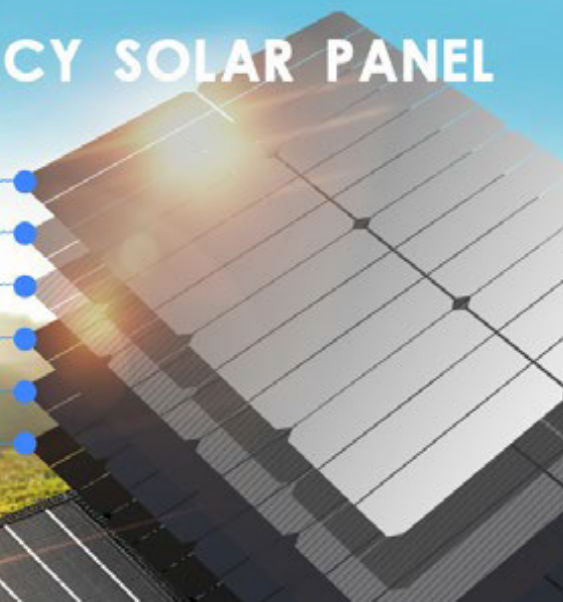


## 22% HIGH CONVERSION EFFICIENCY SOLAR PANEL

HIGHER CONVERSION  
EFFICIENCY  
Monocrystalline cells



ETFE  
EVA  
Monocrystalline  
EVA  
TPT  
PCB  
Backplane



### HIGH COMPATIBILITY

Different sizes of DC connectors for most portable generators

