

MAXWATT®

POWER WHEN YOU NEED IT

POWER MASTER
GENERATORS & POWER EQUIPMENT

Powered by

 **LG Chem**

Lithium-Ion Battery

SOLAR HYBRID PORTABLE
POWER STATION CATALOGUE




AC Output

PURE SINE WAVE CURRENT

Pure sine wave -- No damage to electrical appliances

110/240V


-110/-240V

A graph showing a smooth, continuous sine wave oscillating between positive and negative peaks. The vertical axis is labeled with '110/240V' at the top and '-110/-240V' at the bottom. The horizontal axis is labeled 'h'.

Correction Wave -- Electrical & medical appliances

110/240V

-110/-240V

A graph showing a square wave oscillating between positive and negative levels. The vertical axis is labeled with '110/240V' at the top and '-110/-240V' at the bottom. The horizontal axis is labeled 'h'.

AC Output



DC Input

Input Ports

AC Power Supply Input	200W
Solar PV Input	18V-25V~5A max.
DC Input	20V 3.2A-64W max.
Car Charger Input	12V, 100W max.



SOLAR
INPUT



12 VOLT
DC INPUT



AC POWER SUPPLY
200 WATT



Output Ports

Wireless Charging	13.6V~5A.
Car Outlet Output	13.6V~8A.
USB-A Output	5V~2.1A.
Fast Charge Output	5V~2.5A, 9V~2A, 12V~2A(24W max.)
USB-C PD Technology Output	5V/9V/12V/15V/20V~3.2A(65W max.)
AC Output	Pure Sine Wave Power 16A, 240V~ 50Hz.

Functions & Features

Powered by



Lithium-Ion Battery



1000 BATTERY
LIFE CYCLE > 80%



WIRELESS
CHARGING



12 VOLT
DC IN/OUT



SOLAR
INPUT



5
LED LIGHTS
SETTINGS



TYPE-C



POWER
DELIVERY



TERNARY
LITHIUM-ION
BATTERY



BATTERY
MANAGEMENT
SYSTEM



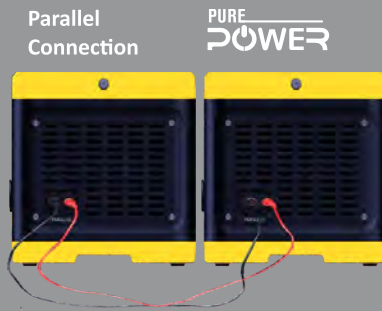
2
YEARS
LIMITED WARRANTY
AGAINST
MANUFACTURER
DEFECTS ONLY



WIRELESS CHARGING
FOR SMART DEVICES



5 STAGE LED
LIGHT BAR



Parallel
Connection
**PURE
POWER**
POWER UP BY CONNECTING ANY
2 MODELS IN PARALLEL

* Ternary lithium battery refers to the lithium battery using nickel-cobalt-manganate(NCM) and graphite as the cathode material. Different from lithium iron phosphate, ternary lithium batteries (NCM Batteries) have a high voltage platform, which means that the specific energy and power of ternary lithium batteries are more significant for the same volume or weight. In addition, ternary lithium batteries have substantial advantages in effective charging rate and low-temperature resistance.

AC Backup Power

Double Power with Parallel Connection

PURE
POWER

INCREASE YOUR POWER &
RUNNING TIME BY
CONNECTING ANY 2 MODELS IN PARALLEL



LED LAMP



SMART PHONE



WIFI
ROUTER



LAPTOP



MINI COOLER



CPAP



LED TV



MICROWAVE
OVEN



KETTLE



TOASTER



FRIDGE /
FREEZER



WASHING
MACHINE

Professional BMS Management System

Eight layers of security protection to keep your power and equipment safe.



Over Temperature
Protection



Overload
Protection



Over Voltage
Protection



Under Voltage
Protection



Overcharge
Protection



Over Current
Protection



Short Circuit
Protection



Over Discharge
Protection

MAXWATT®

POWER WHEN YOU NEED IT

Powered by



Lithium-Ion Battery

600
WATT
PEAK POWER
269
WATT HOURS

POWER UP
Up To
7 Devices



Product Code: MXPRO600i
Barcode: 9356905000326

600 WATT PEAK POWER
300 WATT RATED POWER
PURE SINE WAVE
PORTABLE POWER STATION

LED LAMP
>10W
26 Hrs

WIFI ROUTER
>20W
13 Hrs

>18WH
14 Hrs

LAPTOP
>60W
4 Hrs

SMART PHONE
>10WH
26 Hrs

MINI COOLER
>60W
4 Hrs

DRONE
>90W
3 Hrs

CPAP
>100W
2 Hrs

Specifications:

General Info

- Net weight 3.4kg(7.5lbs).
- Dimension 230×145×148mm(9.06×5.71×5.83inches).
- Rated Power (Watt) 300
- Max Power (Watt) 350
- Peak Power (Watt) 600
- Battery Capacity (Wh) 269
- AC Current 240V
- Warranty This unit carries a 24-month warranty.

Output Ports

- Wireless Charging 15W (DC 5521 Output (x2): 13.6V~5A, total 8A.
- Car Outlet Output (DC 5521 Output (2)+ car port output: Total 8A max.)
- Fast Charge Output x 2 5V~2.5A, 9V~2A, 12V~2A(24W max.)
- USB-C 65W Output x 2 5V/9V/12V/15V/20V~3.2A(65W max.)Total 130W.
- AC Output x 1 Pure Sine Wave Power 240V~ 50Hz, total 300W.

Input Ports

- PV Input 18V-25V~5A max.
- DC Input x 2 20V 3.2A-64W max, total 120W.
- Car Charger Input 12V, 100W max.

Battery Info

- Powered By LG CHEM.
- Cell *NCM
- Battery Capacity (Wh) 269 Watt Hour
- Battery Cycle Life >1000 times, remaining capacity>80%.
- BMS Protections High Temperature Protection.

Running Time of this Unit

The continuous running time of this unit at a 100% load is approximately 1 hour, whilst at a 50% load the running time is approximately 2 hours. This is dependent on the State of Charge (SOC) and the State of Health (SOH) of the batteries. **Please note that this is only a guideline.**

Operating Temperature

- Discharging Temperature -10 to 40°Celsius
- Charging Temperature 0 to 40°Celsius

Solar Panel Info:

Model	Capacity	Charging	Solar Panel	Recommend	Time
MXPRO600i	269 Wh	100W	100W	✓	3.5~4Hrs
			200W	x	/
			200W+100W	x	/
			200W+200W	x	/

The data is only the theoretical time; the actual data will vary according to the current light intensity and placement position.



Powered by



Lithium-Ion Battery

1200
WATT
PEAK POWER
509
WATT HOURS

POWER UP
Up To
8 Devices



Product Code: MXPRO1200i
Barcode: 9356905000333

1200 WATT PURE SINE WAVE
600 WATT PORTABLE POWER STATION
PEAK POWER
RATED POWER



Specifications:

General Info

- Net weight 6kg(13.23lbs).
- Dimension 279.4×193×181mm(11×7.6×13inches).
- Rated Power (Watt) 600
- Max Power (Watt) 650
- Peak Power (Watt) 1200
- Battery Capacity (Wh) 509
- AC Current 240V
- Warranty This unit carries a 24-month warranty.

Output Ports

- Wireless Charging 15W (DC 5521 Output (x2): 13.6V≈5A, total 8A.
- Car Outlet Output (DC 5521 Output (2)+ car port output: 13.6V≈8Amax.)
- Fast Charge Output x 2 5V≈2.5A, 9V≈2A, 12V≈2A(24W max.)
- USB-C 65W Output x 2 5V/9V/12V/15V/20V≈3.2A(65W max.)Total 130W.
- AC Output x 2 Pure Sine Wave Power 240V~ 50Hz, total 600W.

Input Ports

- PV Input 18V-25V≈15A max.
- DC Input x 2 48V≈2.5A-120W max, total 240W.
- Car Charger Input 12V, 100W max.

Battery Info

- Powered By LG CHEM.
- Cell *NCM
- Battery Capacity (Wh) 509 Watt Hour
- Battery Cycle Life >1000 times, remaining capacity>80%.
- BMS Protections High Temperature Protection.

- Running Time of this Unit The continuous running time of this unit at a 100% load is approximately 1 hour, whilst at a 50% load the running time is approximately 2 hours. This is dependent on the State of Charge (SOC) and the State of Health (SOH) of the batteries. **Please note that this is only a guideline.**

Operating Temperature

- Discharging Temperature -10 to 40°Celsius
- Charging Temperature 0 to 40°Celsius

Solar Panel Info:

Model	Capacity	Charging	Solar Panel	Recommend	Time
MXPRO1200i	509 Wh	300W	100W	✓	6.5~7Hrs
			200W	✓	4~4.5Hrs
			200W+100W	✓	3~3.5Hrs
			200W+200W	x	/

The data is only the theoretical time; the actual data will vary according to the current light intensity and placement position.

Powered by



Lithium-Ion Battery

1600
WATT
PEAK POWER
891
WATT HOURS

POWER UP
Up To
7 Devices



Product Code: MXPRO1600i

Barcode: 6009711571353

1600 WATT PURE SINE WAVE
PEAK POWER
800 WATT PORTABLE POWER STATION
RATED POWER

LED LAMP
>10W
89 Hrs

SMART PHONE
>11WH
81 Hrs

CAMERA
>18WH
49 Hrs

WIFI ROUTER
>20W
44 Hrs

DRONE
>40WH
22 Hrs

LAPTOP
>60W
14 Hrs

MINI COOLER
>80W
11 Hrs

CPAP
>100W
8 Hrs

ELECTRIC BLANKET
>120W
7 Hrs

LED TV
>150W
5 Hrs

Specifications:

General Info

• Net weight	7.4kg(16.3lbs).
• Dimension	279.4×198×181mm(11×7.6×7.13inches).
• Rated Power (Watt)	800
• Max Power (Watt)	900
• Peak Power (Watt)	1600
• Battery Capacity (Wh)	891
• AC Current	240V
• Warranty	This unit carries a 24-month warranty.

Output Ports

• Wireless Charging	15W (DC 5521 Output (x2): 13.6V≈5A, total 8A.
• Car Outlet Output	(DC 5521 Output (2)+ car port output: 13.6V≈8A max.)
• Fast Charge Output x 2	5V≈2.5A, 9V≈2A, 12V≈2A(24W max.)
• USB-C 65W Output x 2	5V/9V/12V/15V/20V≈3.2A(65W max.) Total 130W.
• AC Output x 2	Pure Sine Wave Power 240V~ 50Hz, total 800W.

Input Ports

• PV Input	18V-25V≈15A max.
• DC Input x 2	48V≈2.5A-120W max, total 240W.
• Car Charger Input	12V, 100W max.

Battery Info

• Powered By	LG CHEM.
• Cell	*NCM
• Battery Capacity (Wh)	891 Watt Hour
• Battery Cycle Life	>1000 times, remaining capacity>80%.
• BMS Protections	High Temperature Protection.

Running Time of this Unit

The continuous running time of this unit at a 100% load is approximately 1 hour, whilst at a 50% load the running time is approximately 2 hours. This is dependent on the State of Charge (SOC) and the State of Health (SOH) of the batteries. **Please note that this is only a guideline.**

Operating Temperature

• Discharging Temperature	-10 to 40°Celsius
• Charging Temperature	0 to 40°Celsius

Solar Panel Info:

Model	Capacity	Charging	Solar Panel	Recommend	Time
MXPRO1600i	891 Wh	300W	100W	√	11.5~12.5Hrs
			200W	√	6~6.5Hrs
			200W+100W	√	4~4.5Hrs
			200W+200W	x	/

The data is only the theoretical time; the actual data will vary according to the current light intensity and placement position.



Powered by



Lithium-Ion Battery

2000
WATT
PEAK POWER
1019
WATT HOURS

POWER UP
Up To
8 Devices



Product Code: MXPRO2000i
Barcode: 9356905000357

2000 WATT PEAK POWER
1000 WATT RATED POWER
PURE SINE WAVE
PORTABLE POWER STATION



Specifications:

General Info

• Net weight	10.2kg(22.5lbs).
• Dimension	340×236×215mm(13.4×9.3×7.8inches).
• Rated Power (Watt)	1000
• Max Power (Watt)	1100
• Peak Power (Watt)	2000
• Battery Capacity (Wh)	1019
• AC Current	240V
• Warranty	This unit carries a 24-month warranty.

Output Ports

• Wireless Charging	15W (DC 5521 Output (×2): 13.6V≈5A, total 8A.
• Car Outlet Output	(DC 5521 Output (2)+ car port output: 13.6V≈8A max.)
• USB-A Output x 2	5V≈2.1A, Total 10.5W.
• Fast Charge Output x 2	5V≈2.5A, 9V≈2A, 12V≈2A(24W max.)
• USB-C 65W Output x 2	5V/9V/12V/15V/20V≈3.2A(65W max.) Total 130W.
• AC Output x 2	Pure Sine Wave Power 240V~ 50Hz, total 1000W.

Input Ports

• PV Input	18V-25V~20A max.
• DC Input x 2	48V 4A-192W max, total 384W.
• Car Charger Input	12V, 100W max.

Battery Info

• Powered By	LG CHEM.
• Cell	*NCM
• Battery Capacity (Wh)	1019 Watt Hour
• Battery Cycle Life	>1000 times, remaining capacity>80%.
• BMS Protections	High Temperature Protection.

• Running Time of this Unit	The continuous running time of this unit at a 100% load is approximately 1 hour, whilst at a 50% load the running time is approximately 2 hours. This is dependent on the State of Charge (SOC) and the State of Health (SOH) of the batteries. Please note that this is only a guideline.
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Operating Temperature

• Discharging Temperature	-10 to 40°Celsius
• Charging Temperature	0 to 40°Celsius

Solar Panel Info:

Model	Capacity	Charging	Solar Panel	Recommend	Time
MXPRO2000i	1019 Wh	400W	100W	x	/
			200W	√	6.5~7Hrs
			200W+100W	√	4.5~5Hrs
			200W+200W	√	3.5~4Hrs

The data is only the theoretical time; the actual data will vary according to the current light intensity and placement position.



Powered by



Lithium-Ion Battery

2600
WATT
PEAK POWER
1310
WATT HOURS

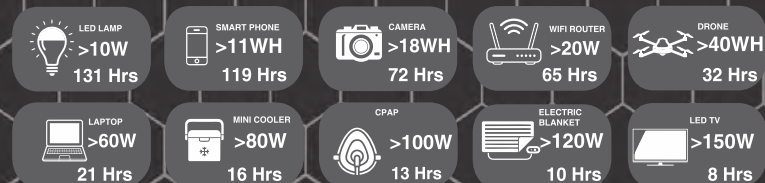
POWER UP
Up To
9 Devices



Product Code: MXPRO2600i

Barcode: 9356905000364

2600 WATT PEAK POWER **PURE SINE WAVE**
1300 WATT RATED POWER **PORTABLE POWER STATION**



Specifications:

General Info

- Net weight 11.3kg(25lbs).
- Dimension 340×236×215mm(13.4×9.3×8.5inches).
- Rated Power (Watt) 1300
- Max Power (Watt) 1500
- Peak Power (Watt) 2600
- Battery Capacity (Wh) 1310
- AC Current 240V
- Warranty This unit carries a 24-month warranty.

Output Ports

- Wireless Charging 15W (DC 5521 Output (×2): 13.6V≈5A, total 8A.
- Car Outlet Output (DC 5521 Output (2)+ car port output: 13.6V≈8A max.)
- USB-A Output x 2 5V≈2.1A, Total 10.5W.
- Fast Charge Output x 2 5V≈2.5A, 9V≈2A, 12V≈2A(24W max.)
- USB-C 65W Output x 2 5V/9V/12V/15V/20V≈3.2A(65W max.) Total 130W.
- AC Output x 2 Pure Sine Wave Power 240V~ 50Hz, total 1300W.

Input Ports

- PV Input 18V-25V~20A max.
- DC Input x 2 48V 4A-192W max, total 384W.
- Car Charger Input 12V, 100W max.

Battery Info

- Powered By LG CHEM.
- Cell *NCM
- Battery Capacity (Wh) 1310 Watt Hour
- Battery Cycle Life >1000 times, remaining capacity>80%.
- BMS Protections High Temperature Protection.

- **Running Time of this Unit** The continuous running time of this unit at a 100% load is approximately 1 hour, whilst at a 50% load the running time is approximately 2 hours. This is dependent on the State of Charge (SOC) and the State of Health (SOH) of the batteries. **Please note that this is only a guideline.**

Operating Temperature

- Discharging Temperature -10 to 40°Celsius
- Charging Temperature 0 to 40°Celsius

Solar Panel Info:

Model	Capacity	Charging	Solar Panel	Recommend	Time
MXPRO2600i	1310 Wh	400W	100W	x	/
			200W	√	10~11Hrs
			200W+100W	√	7~7.5Hrs
			200W+200W	√	5~6Hrs

The data is only the theoretical time; the actual data will vary according to the current light intensity and placement position.



Powered by



Lithium-Ion Battery

3600
WATT
PEAK POWER
1601
WATT HOURS

POWER UP
Up To
9 Devices



Product Code: MXPRO3600i
Barcode: 9356905000371

3600 WATT PEAK POWER
1800 WATT RATED POWER
PURE SINE WAVE
PORTABLE POWER STATION



LED LAMP
>10W
160 Hrs



SMART PHONE
>11WH
145 Hrs



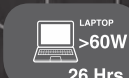
CAMERA
>18WH
88 Hrs



WIFI ROUTER
>20W
80 Hrs



DRONE
>40WH
40 Hrs



LAPTOP
>60W
26 Hrs



MINI COOLER
>80W
20 Hrs



CPAP
>100W
16 Hrs



ELECTRIC
BLANKET
>120W
13 Hrs



LED TV
>150W
10 Hrs

Specifications:

General Info

- Net weight 12.5kg(27.56lbs).
- Dimension 340×236×215mm(13.4×9.3×8.5inches).
- Rated Power (Watt) 1800
- Max Power (Watt) 2000
- Peak Power (Watt) 3600
- Battery Capacity (Wh) 1601
- AC Current 240V
- Warranty This unit carries a 24-month warranty.

Output Ports

- Wireless Charging 15W (DC 5521 Output (×2): 13.6V≈5A, Total 8A.
- Car Outlet Output (DC 5521 Output (2)+ car port output: 13.6V≈8A max.)
- USB-A Output x 2 5V≈2.1A, Total 10.5W.
- Fast Charge Output x 2 5V≈2.5A, 9V≈2A, 12V≈2A(24W max.)
- USB-C 65W Output x 2 5V/9V/12V/15V/20V≈3.2A(65W max.) Total 130W.
- AC Output x 2 Pure Sine Wave Power 240V~ 50Hz, total 1800W.

Input Ports

- PV Input 18V-25V≈20A max.
- DC Input x 2 48V≈4A-192W max, total 384W.
- Car Charger Input 12V, 100W max.

Battery Info

- Powered By LG CHEM.
- Cell *NCM
- Battery Capacity (Wh) 1601 Watt Hour
- Battery Cycle Life >1000 times, remaining capacity>80%.
- BMS Protections High Temperature Protection.

- **Running Time of this Unit** The continuous running time of this unit at a 100% load is approximately 1 hour, whilst at a 50% load the running time is approximately 2 hours. This is dependent on the State of Charge (SOC) and the State of Health (SOH) of the batteries. **Please note that this is only a guideline.**

Operating Temperature

- Discharging Temperature -10 to 40°Celsius
- Charging Temperature 0 to 40°Celsius

Solar Panel Info:

Model	Capacity	Charging	Solar Panel	Recommend	Time
MXPRO3600i	1601 Wh	400W	100W	x	/
			200W	√	10~11Hrs
			200W+100W	√	7~7.5Hrs
			200W+200W	√	5~6Hrs

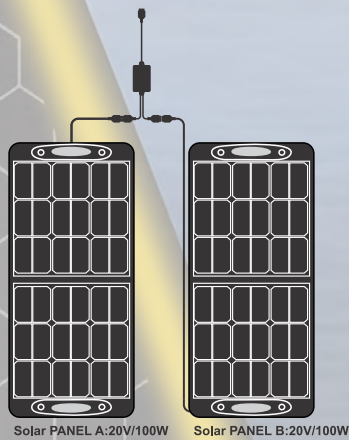
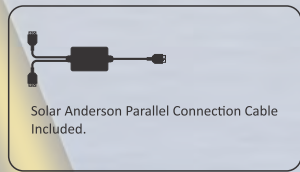
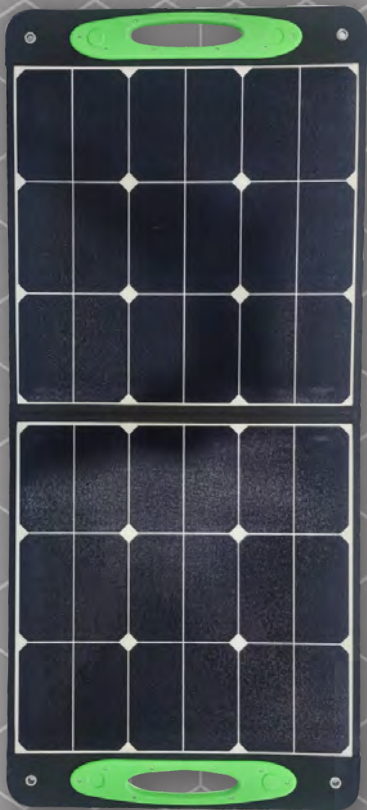
The data is only the theoretical time; the actual data will vary according to the current light intensity and placement position.

MPPT

Dynamic tracking of the maximum power of solar panel.
Transfer efficiency is 15% higher than without MPPT.



PV Input



* Users can connect 2 solar panels in parallel to improve charge time.

Product Code: MXPROSP001
Barcode: 9356905000388

100 WATT PORTABLE FOLDABLE SOLAR PANEL



LIMITED WARRANTY
AGAINST
MANUFACTURER
DEFECTS ONLY

Specification

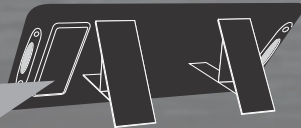
Material of Cloth	Poly 900D Waterproof Treatment on the Surface
Handle Color	Green
Kick Stands	2
Unfolding Size	1228 x 536mm
Folding Size	608 x 536mm
Net weight	About 4KG
Cable	DC Output 3m Cable with Anderson DC7909//DC5521/DC5525 Plug
USB Output	36Watt Total Output/Dual USB/18Watt Single Output 5V/3.5A, 9V/2A, 12V/1.5A

Specification for the Solar Panel

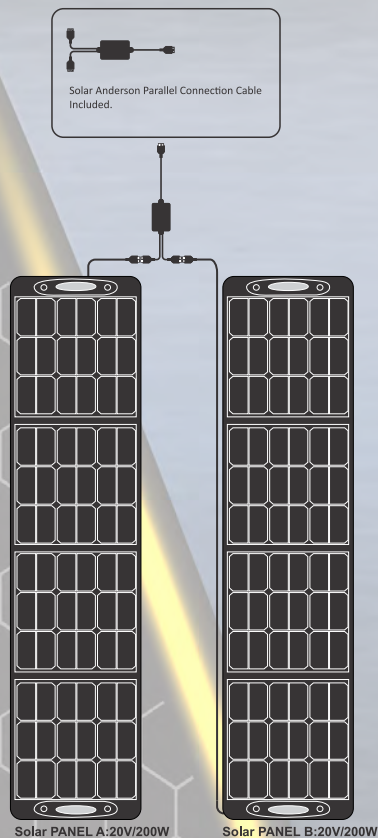
Cell Type	SUNPOWER
Cell Size	166 x 166
Rated Power (Mp)	100 Watts
Power Error	±5%
Rated Voltage (Vmp)	18 Volt
Rated Current (Imp)	6.1 Amps
Open Circuit Voltage (Voc)	23.4 Volts
Short Circuit Current (Isc)	7.32 Amps
Operating Temperature	-40°C+85°C
Test Standard	Data understand and testing conditions (STC): 1000W/m ² , 25°C, AM1.5
Manufacturer Warranty	2 Years Against Manufacturer Defects Only

Temperature coefficient

Nominal Operating Cell Temperature:	46°C±2°C
Current Temperature Coefficient:	-0.05%/°C
Voltage Temperature Coefficient:	-0.35%/°C
Power Temperature Coefficient:	-0.45%/°C



PV Input



* Users can connect 2 solar panels in parallel to improve charge time.

Product Code: MXPROSP002
Barcode: 9356905000395

200 WATT PORTABLE FOLDABLE SOLAR PANEL



LIMITED WARRANTY
AGAINST
MANUFACTURER
DEFECTS ONLY

Specification

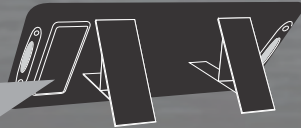
Material of Cloth	Poly 900D Waterproof Treatment on the Surface
Handle Color	Green
Kick Stands	4
Unfolding Size	2349 x 536mm
Folding Size	608 x 536mm
Net weight	About 8KG
Cable	DC Output 3m Cable with Anderson DC7909//DC5521/DC5525 Plug
USB Output	36Watt Total Output/Dual USB/18Watt Single Output 5V/3.5A, 9V/2A, 12V/1.5A

Specification for the Solar Panel

Cell Type	SUNPOWER
Cell Size	166 x 166
Rated Power (Mp)	200 Watts
Power Error	±5%
Rated Voltage (Vmp)	20 Volt
Rated Current (Imp)	10 Amps
Open Circuit Voltage (Voc)	25 Volts
Short Circuit Current (Isc)	11 Amps
Operating Temperature	-40°C+85°C
Test Standard	Data understand and testing conditions (STC): 1000W/m², 25°C, AM1.5
Manufacturer Warranty	2 Years Against Manufacturer Defects Only

Temperature coefficient

Nominal Operating Cell Temperature:	46°C±2°C
Current Temperature Coefficient:	-0.05%/°C
Voltage Temperature Coefficient:	-0.35% /°C
Power Temperature Coefficient:	-0.45%/°C





Power Master Generators Pty Ltd

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Contact us: (07) 5500 6027

Email: info@powermastergenerators.com.au

www.powermastergenerators.com.au

KNOW NO LIMITS WITH MAXWATT PORTABLE POWER STATIONS

