

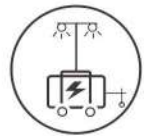
PORTABLE POWER STATION

For Brighter, Safer And More Beautiful Life

MPMC GROUP OF COMPANIES



Generator Sets



Lighting Towers



Hybrid Energy



Lithium-ion Battery
Energy Storage



Cold Chain Tech

WWW.MPMC-GROUP.COM



MPMC POWERTECH CORP.

SEMOKII® An MPMC Brand

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SEMOKII



SEMOOKII® is powered by highly skilled technical experts who have rich experience in lithium battery energy storage systems for over 25 years. We design, engineer and manufacture state-of-the-art integrated/distributed energy solutions by optimizing solar power, wind turbines, diesel power, hydrogen fuel cells, lithium-ion batteries and energy storage systems. Our solutions cover a wide range of applications including residential BESS, commercial & industrial BESS, portable power stations and LiFePO4 battery packs of low-speed electric vehicles, utility electric vehicles, AGVs, electric boats and drones etc.

Owned by its parent company MPMC POWERTECH CORP. (Security Code 832266) is an international high-tech enterprise in Shanghai, a world-leading distributed hybrid energy solution provider. Through taking full advantages of its independent R&D, productive intellectual property, full-process manufacturing and global marketing & services. With products sold to more than 120 countries & regions, MPMC has established holding subsidiaries and offices in the USA and China, and have representatives in UK, South Africa and UAE.

SEMOOKII® inherited rigorous quality control system and production management system from MPMC, and is dedicated to providing power independence and real energy freedom to homes and businesses anywhere in the world! Our solutions are customized to the needs of each market in USA, UK, Italy, Czech, Spain, Netherlands, Poland and Japan etc. Today, SEMOOKII powers thousands of homes and businesses around the world. We help customers store clean power, gain energy independence, hedge against climbing grid fees and contribute to the reduction of carbon emissions on our planet.

High Efficiency

The monocrystalline silicon solar panels provide a high conversion efficiency of 22-23%, and perform better than conventional panels. Portable solar panels for camping, outdoor life, RV trip, picnic, fishing, home emergency, and off-grid living power outage supplies.



Multiple Application Scenarios



We believe in a diversified interpretation of life in which everyone is free from power shortage to explore their ways of lifestyle and own-beings. With its durable structure, reliable BMS, and battery energy management system, Semookii portable power station is a state-of-the-art lithium-ion battery powered generator as well as a backup/emergency power you can count on. From camping, tailgating, wildlife exploring, fishing to home backup power, work site power and disaster relief, Semookii portable power station is a remarkable choice for providing stable long lasting power and can be recharged by solar energy, car input and AC socket.



FISHING



CAMPING



OFF ROAD



EMERGENCY



SEMOKII

PORTABLE POWER STATION

FOR BRIGHTER SAFER AND MORE BEAUTIFUL LIFE



MORE RUN TIME



PPS-300

6

Hours

5

Charges

20-30

Charges

20-30

Charges

5

Hours

5

Hours

8

Hours

20

Charges



PPS-600

12

Hours

10

Charges

40-60

Charges

40-60

Charges

10

Hours

10

Hours

16

Hours

40

Charges

MORE RUN TIME



PPS-1500

30

Hours

25

Charges

100-150

Charges

1.2

Hours

25

Hours

25

Hours

1.2

Hours

2.5

Hours



PPS-2000

36

Hours

30

Charges

120-180

Charges

1.5

Hours

30

Hours

30

Hours

1.5

Hours

3

Hours



Laptop 50W



Drone



Camera



Mobile Phone



Refrigerator 60W



TV 60W



Breathing Machine 40W



IPAD 15W



Specification

Battery Storage	
Model	PPS-300
Capacity	288Wh
Recharge Time	5 hours
Cell Chemistry	Lithium-ion
Life Cycles	1000
Safety Fuse	Yes
Management System	Temperature control, Surge protection, Pure sine wave, Short circuit protection
Ports	
DC Input	17V/4A
USB-A Output	5V/2.4A
Type-C Output	60W(PD) 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3A
DC1/DC2 Output	12V/4A
AC Output	110V60Hz/220V50Hz 300W
Car Output	12V/8A
Solar Input	17V/4A
General	
Size	260x90x264mm
Weight	3.55kg / 7.83lbs
Warranty	12 months
Operating Temperature	-10°C - 40°C
Charging Temperature	0°C - 40°C

Certification: PSE, UL, FCC, CE, UN38.3, MSDS

Specification

Battery Storage	
Model	PPS-600
Capacity	540Wh
Recharge Time	5 hours
Cell Chemistry	Lithium-ion
Life Cycles	1000
Safety Fuse	Yes
Management System	Temperature control, Surge protection, Pure sine wave, Short circuit protection
Ports	
DC Input	26V/4.75A
USB-A Output	18W
Type-C Output	60W(PD) 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3A
DC1/DC2 Output	12V/4A
AC Output	110V60Hz/220V50Hz 600W
Car Output	12V/8A
Solar Input	12-30V 10A MAX
General	
Size	285x131x297mm
Weight	5.6kg / 12.35lbs
Warranty	12 months
Operating Temperature	-10°C - 40°C
Charging Temperature	0°C - 40°C

*Certification: PSE, UL, FCC, CE, UN38.3, MSDS



Specification

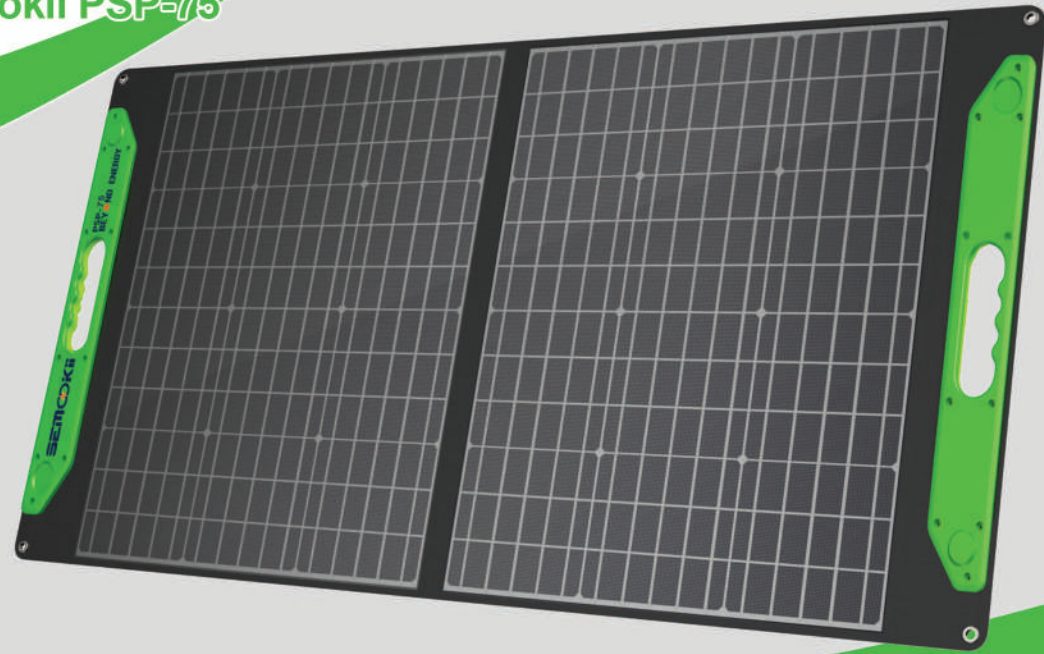
Battery Storage	
Model	PPS-1500
Capacity	1536Wh
Recharge Time	7 hours
Cell Chemistry	Lithium-ion
Life Cycles	1000
Safety Fuse	Yes
Management System	Temperature control, Surge protection, Pure sine wave, Short circuit protection
Ports	
AC Input	110-220V
USB-A Output	18W
Type-C Output	60W(PD) 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3A
DC1/DC2 Output	12V/4A
AC Output	110V60Hz 220V50Hz 1500W
Car Output	12V/8A
Solar Input	12-60V 10A MAX
General	
Size	390x290x290mm
Weight	22.5kg / 49.6lbs
Warranty	12 months
Operating Temperature	-10°C - 40°C
Charging Temperature	0°C - 40°C

*Certification: PSE, UL, FCC, CE, UN38.3, MSDS

Specification

Battery Storage	
Model	PPS-2000
Capacity	1843Wh
Recharge Time	7 hours
Cell Chemistry	Lithium-ion
Life Cycles	1000
Safety Fuse	Yes
Management System	Temperature control, Surge protection, Pure sine wave, Short circuit protection
Ports	
AC Input	110-220V
Solar Input	12-60V 10A MAX
AC Output	110V60Hz/220V50Hz 2000W
General	
Size	390x290x290mm
Weight	23.5kg/51.8lbs
Warranty	12 months
Operating Temperature	-10°C - 40°C
Charging Temperature	0°C - 40°C

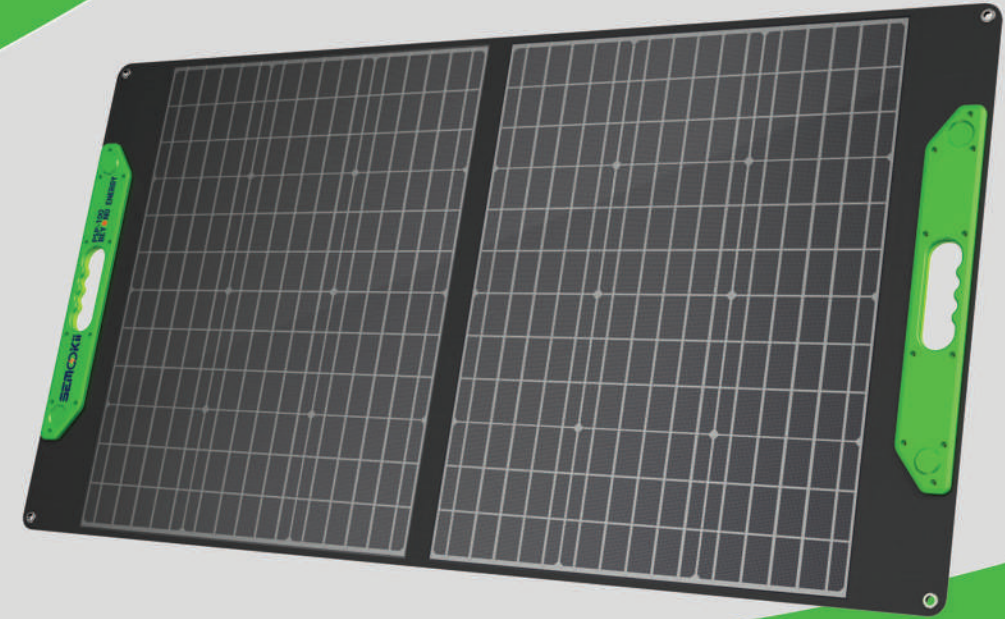
*Certification: PSE, ETL, FCC, RoHS, CE, UN38.3, MSDS



Specification

MODEL	PSP-75
Maximum Power	75W
Max Power Voltage (Vmp)	18.1V
Max Power Current (Imp)	4.1A
Open Circuit Voltage (Voc)	21.4V
Short Circuit Current (Isc)	4.4A
Cell Efficiency	22%
Cell Type	Monocrystalline
Power Tolerance	±10%
Weight	3.7KG
Folded Dimension	609.5x489x41mm
Unfolded Dimension	1219x489x6mm
Operation Temperature	-20°C to 65°C
IP Rating	IP65
USB-A Output*2	1*15W & 1*18W QC3.0
USB-C Output	PD 60W
Color	Black+Green
Warranty Description	12-Month

*Certification: FCC, CE, RoHS



Specification

MODEL	PSP-100
Maximum Power	100W
Max Power Voltage (Vmp)	19.8V
Max Power Current (Imp)	23.7V
Open Circuit Voltage (Voc)	21.4V
Short Circuit Current (Isc)	5.3A
Cell Efficiency	22%
Cell Type	Monocrystalline
Power Tolerance	±10%
Weight	4.63KG
Folded Dimension	616.5x642x41mm
Unfolded Dimension	1233x642x6mm
Operation Temperature	-20°C to 65°C
IP Rating	IP65
USB-A Output*2	1*15W & 1*18W QC3.0
USB-C Output	PD 60W
Color	Black+Green
Warranty Description	12 Months

*Certification: FCC, CE, RoHS