



# Portable Photovoltaic Energy Storage Power Supply





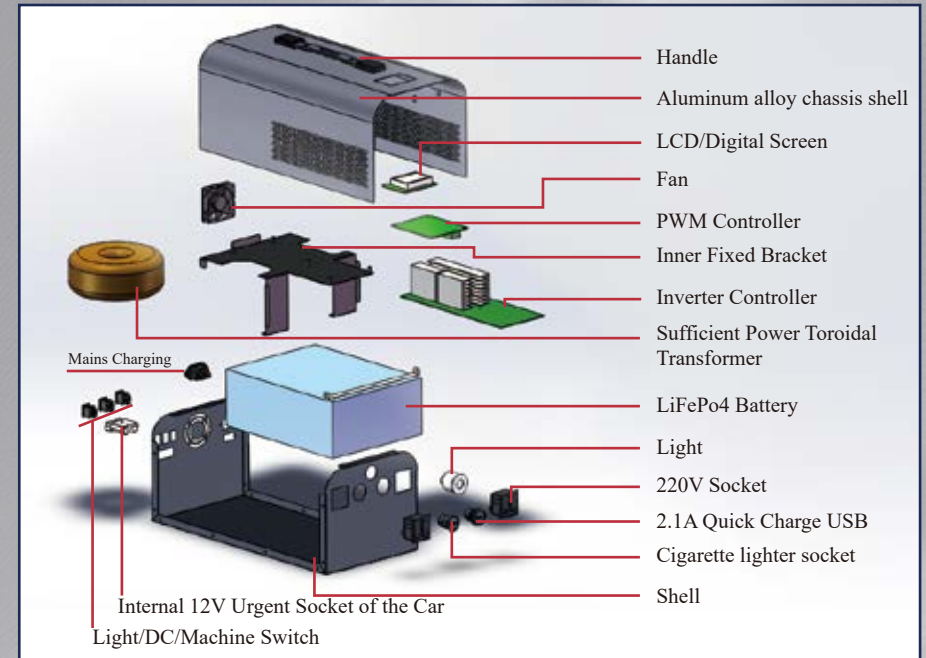
## Product Description

Solar energy mobile power supply is a new type of power supply which converts solar energy into electric energy and stores it in the battery. Battery can be any form of electricity storage device, It is generally composed of three parts: solar photovoltaic cell, battery and voltage regulating element. Solar energy mobile power supply not only make up for the shortcoming of the traditional power supply that can not save energy and protect environmental, but also is portable.

## Product Feature

1. Energy saving, environmental protection, safety, convenient, long life, wide application.
2. Solar energy mobile power supply uses solar energy, no mains, no late operation costs, save electricity, is the cleaning and eco-friendly energy which countries vigorously promote.
3. Solar energy mobile power can be installed at will, not limited by position, and it is easy to install. As it were where there is sunlight where there is electricity.
4. High-tech, low failure rate, basic maintenance free, maintenance amount is very little.
5. Solar energy mobile power is easy to operate, when you require the power you just need to press it gently.
6. Emergency Start Power , When your car has no electricity, You can do it Start Car .

## Product Details



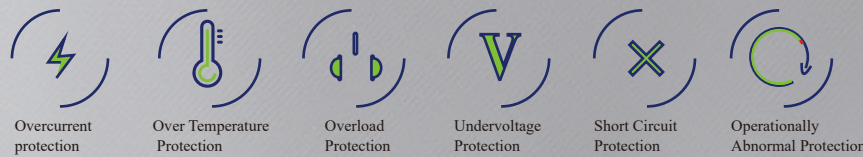
- 1280wh/1000w High Capacity
- Supporting Mains / Photovoltaic Charging / Car Cigarette Lighter Charging
- This whole series equip with the dual-port universal socket
- Equip with multiple USB ports
- Car cigarette lighter, Emergency lighting
- Smart system, Circuit protection
- Outdoor portable, reasonable design.



## Effect design drawing



## Multiple Protection, Will Escort You



- The automatic protection will be turned on when the temperature of inverter is extremely high.
- Intelligent cooling system, in order to prevent the overheating damage
- The device will prompt when the load exceeds 100%-120%.
- Stop outputting within 30 seconds in order to prevent the inverter from burning out.
- Intelligent cooling system to prevent the damage from overheating.
- When the voltage is insufficient, the output will be stopped in order to prevent the battery from being over-discharged
- When the output is short-circuited, the device will automatically cut off power in order to ensure the user safety

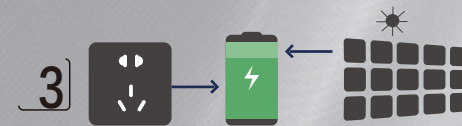
## Multiple Charging Modes



**1** Mains Charging:  
10A~30A Mains Charging Current



**2** Photovoltaic Charging:  
PWM Photovoltaic Charging



**3** Intelligent three-stage charging:  
When the mains power is fully charged with the rated voltage, the photovoltaic system will float charge to extend the battery life.

## Device Charging Time Reference

Electrical Consumption Equipment (Power-rate Reference)	300W	500W	600W	1000W	1500W	2000W	Time /Frequency
The Battery Capacity of Photovoltaic Mobile Power	20AH	40AH	50AH	100AH	100AH	200AH	
Cellphone (4500hAm)	9	18	20	38	54	75	Frequency
Kettle (800w)	---	---	---	1	1.5	2	Hour
Laptop (60w)	5	8	12	16	25	32	Hour
Induction Cooker (1300w)	---	---	---	0.6	1	1.5	Hour
Electric Drill (800w)	---	---	---	1.2	1.8	2.5	Hour
Car Refrigerator (60w)	5	8	10	16	25	32	Hour
Rice Cooker (500w)	---	---	1~3	2~4	3~6	4~8	Frequency



## Application Scenario

Energy storage mobile power supply is suitable for outdoor work without electricity, emergency, travel, etc. Travelers, explorers, maintenance workers, and electronic product users, travel together.



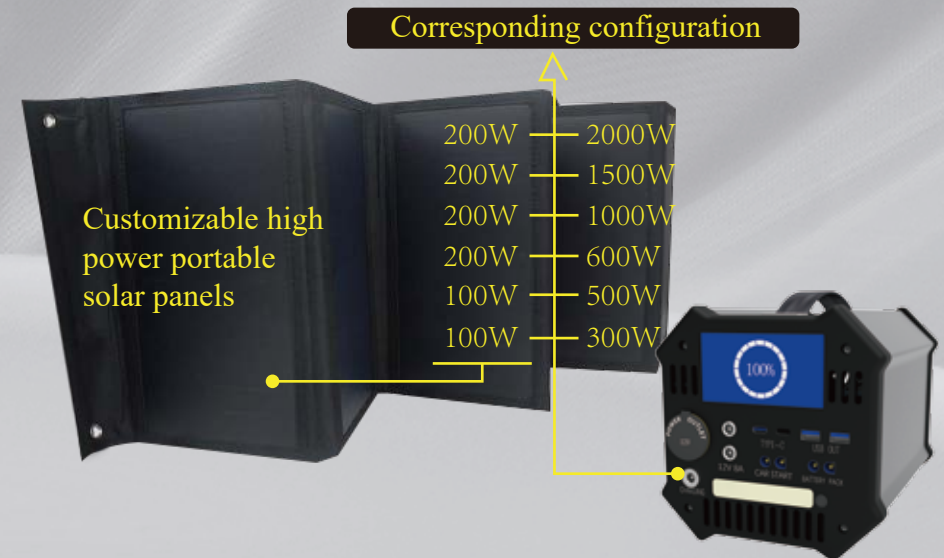
## Accessories: portable solar panels

Enjoy the sun, maintenance-free energy. Provide matching portable solar foldable handbags according to demand.

Waterproof design: IP64

Oxford cloth material, folded and put away.

Waterproof, sunscreen and durable





# MULTIFIT Technical Parameters



Model		M-PSS 300W	M-PSS 500W	M-PSS 600W	M-PSS 1000W	M-PSS 1500W	M-PSS 2000W	
Rated Power		300W	500W	600W	1000W	1500W	2000W	
3.7V Electricity WH		296	592	740	1480	1480	2960	
3.2V Electricity WH		256	512	640	1280	1280	2560	
Lithium Battery Capacity		20AH	40AH	50AH	100AH	100AH	200AH	
Photovoltaic Adapter		All Series Optional Photovoltaic Charging						
Photovoltaic Panel Power Rate		100W	100W	200W	200W	200W	200W	
High Efficient Controller		12V20A	12V40A	12V50A	12V60A	12V60A	12V60A	
PV Input Range		16-50V	16-50V	16-50V	16-50V	30-50V	30-50V	
Lithium Battery Capacity		20AH	40AH	50AH	100AH	100AH	200AH	
Input	Voltage	AC165-275V/ AC85-135V						
	Frequency	50Hz/60Hz						
Output	Voltage	220/230/240V/110/115/120V						
	Frequency	50HZ-60HZ Factory Preset						
	Wave	Pure Sine Wave						
	Distortion	<3%						
	Effectiveness	>85%						
Battery	Types	Optional						
	Rated Voltage	DC12V						
	Charging	0-30A Optional						
Protection		Over Temperature, Overload, Short Circuit, The Low Voltage of Battery, The High Voltage of Battery, AC Input High Voltage / Low Voltage Protection						
Way of Working		Normal, Energy Saving Factory Preset						
Conversion Time		<10ms						
Load Capacity		100%-120% 30 Seconds Protection, 125%-140% 15 Seconds Protection, >150% 5 Seconds Protection						
Working Environment	Temperature	0-50 Degree						
	Humidity	10%-90% Does Not Condense						

Energy Storage Power Supply





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