



<b>Product Item Number:</b>	<b>SPS-Q500W</b>
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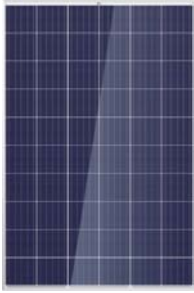
### Sunplus Solar Off-grid Power System Main Feature

1. The system can generate electricity produced by solar energy to loads directly, it is the most efficient and environmentally friendly new energy source.
2. Daytime solar energy priority for loads consumption, in evening the battery and grid automatic priority recognition function.
3. One-stop solar power solution, easy to install and use.
4. Under voltage protection function, short circuit protection function, over voltage protection function, overload protection function.
5. Auto grid switch function, self-recovery and unattended operation, all-around protection.
6. Outdoor solar panel with reliable quality: waterproof, lightning protection, anti-freezing, hail prevention.
7. 2 years warranty for the solar whole system, 10 years warranty for solar panel quality and 25 years warranty for output.

### SPS-Q500W Off-Grid System Product List

			
Solar Panel	100 W * 2pcs		
Inverter	400 W, AC 220V/50Hz		
Battery	12V/100Ah * 1pcs lead-acid battery		
Accessories	Cables and other accessories		

## 500w Solar Power System Technical Parameters



### Solar Panels

- Polycrystalline module 100 W\* 1pcs  
Vmp: 19.26V , Imp: 5.2A
- 10 years product Warranty, 25 output Linear Power Warranty
- Size (mm): 1000\*700\*90  
GW (kgs): 20kgs

### Charge Controller & Off Grid Inverter

- PWM Charge/ PWM
- PV Max Input Voltage: DC 25V
- PV Max Input Current: 20A
- Inverter Capacity: 500 W
- Output voltage: AC 220V / 50Hz
- Size (mm): 390\*275\*190  
GW (kgs): 9kgs



### Battery

- Deep cycle lead-acid battery (GEL )
- Maintenance-free
- Capacity: 12V / 100 Ah \* 1pcs
- Size (mm): 340\*190\*250  
GW (kgs): 30kgs

### Accessories

- Cable and other Accessories



### SPS-Q500W Electircal Appliance for Home

No.	Appliance	Power ( W )	Quantity	Work-time ( h )	Total Power ( Wh )
1	LED lamp	5	3	8	120
2	Fan	50	1	4	200
3	TV	85	1	4	340
4	Others*	300	1	1	300
Total		450	/	/	960