

PONY Q™

The Power of Possibilities

SPES-PS-1000



Product Features

- ◆ 3 input modes: electricity grid, solar energy, on-board charging port
- ◆ 3 output modes: USB (5 V), AC, DC (12 V)
- ◆ Separable structure: easy to carry and for capacity expansion
- ◆ Sufficient room for heat dissipation: ensure the system's stable and safe running
- ◆ Optional accessories: foldable PV panels, portable stroller, backpack

Contact

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Foldable PV panels



On-board charger



AC input



USB output



AC output











12V DC output

Technical Specifications

Input	Solar energy	Voltage	18-30 Vdc
		Current	≤ 15 A
		Power	≤ 200 W
	Electricity grid	Voltage	100-265 Vac
		Frequency	45-65 Hz
	On-board charger	Voltage	12 Vdc
Output	AC output	Voltage	110 V/220 V
		Rated power	800 W
	USB output	Voltage	5 V
		Current	1 A
Output	12V output	Current	≤ 10 A
		Rated power	120 W
Rated capacity	1280 Wh		
Work environment	Temperature	0°C to 45°C	
	Humidity	10%-90% RH (non-condensing)	
Storage	Temperature	-10°C to +35°C	
	Humidity	10%-90% RH (non-condensing)	
Weight	≤ 25 Kg		
Dimensions	300 mm x 310 mm x 460 mm		
IP grade	IP32		
Design life	8 years		
Warranty period	2 years		

Power Consumption

Home appliances	 Smart phone/tablet	 Computer	 TV	 Lamp
Power	9 W	200 W	70 W	20 W
Time	100 times	5 h	15 h	50 h

Home appliances	 Fan	 Printer	 Electric blanket	 Audio equipment
Power	60 W	250 W	60-150 W	200 W
Time	16 h	4 h	6-16 h	5 h

Optional Accessories

Foldable PV panels
Backpack
Special suitcase
Special stroller

Certificates



Application Scenario

Input: electricity grid,
PV panels,
on-board charger
Output: AC output,
USB output,
DC 12V output

