



Parameters

JS-SPS-2000

PRODUCT CONFIGURATION

Item	Parameters	Quantity
System model	JS-SPS-2000	-
PV module	17V/140W	8
Con-inverter	Battery	12V/150AH
	Inverter	48V/2000VA
	Controller	48V/30A
	Output terminals	AC220V×4, DC24V×6, USB5V×2
	Dimension(mm)	468×520×924
	Weight(kg)	218.5 (include battery)
Brackets	-	4

TECHNICAL PARAMETERS

PV module

Module type	YGE140
Power output Pmax(W)	140
Power output tolerance ΔPmax (%)	±5
Voltage at Pmax Vmpp(V)	18.0
Current at Pmax Impp(A)	7.77
Dimension(mm)	1470×680×25
Weight(kg)	10.8

Battery

Type	lead-acid battery
Capacity	12V/150AH

Controller

Rated current(A)	30
DC over-voltage protection point(V)	62
Protection function	Reverse connection of battery/module, short circuit, overload, overcharge, overdischarge, etc.

Inverter

Rated power	2000VA
Output voltage	220V±5%
Output frequency	50Hz±5%
Output waveform	Sine wave
Output voltage waveform distortion	<3%
DC under-voltage protection point	40V±2%

HOW TO USE

	Load	Power (W)	Quantity (set)	Run time (h)	Electricity consumption (wh)
Recom-mended load	LED light	10	6	4	240
	TV	50	2	4	400
	Satelite TV receiver	25	1	4	100
	Washing machine	380	1	1	380
	Desktop	200	2	4	1600
	Freezer	200	1	6	1200
Total		865	-	-	3920

Operating condition	H≤5000m; -10℃~+40℃; 90%relative humidity(no coagulation)
Storage and transportation condition	-20℃~+70℃
Noise	<50DB (within 1m)
Protection degree	IP20
Solar charging time	7~8 hours