



Parameters

JS-SPS-600

PRODUCT CONFIGURATION

Item		Parameters	Quantity
System model		JS-SPS-600	-
PV module		17V/140W	2
Con-inverter	Battery	12V/100AH	2
	Inverter	24V/600VA	1
	Controller	24V/20A	1
	Output terminals	AC220V×1, DC12V×2, USB5V×2	5
	Dimension(mm)	460×362×573	-
	Weight(kg)	89.5 (include battery)	-
Brackets		-	1

TECHNICAL PARAMETERS

PV module

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

Battery

Type	lead-acid battery
Capacity	12V/100AH

HOW TO USE

	Load	Power (W)	Quantity (set)	Run time (h)	Electricity consumption (wh)
Recom- mended load	LED light	10	3	5	150
	TV	50	1	8	400
	Satellite TV receiver	25	1	8	200
	Fan	70	1	6	420
	Washing machine	380	1	1	380
Total		535	-	-	1550

Controller

Rated current(A)	20
DC over-voltage protection point(V)	31
Protection function	Reverse connection of battery/module, short circuit, overload, overcharge, overdischarge, etc.

Inverter

Rated power	600VA
Output voltage	220V±5%
Output frequency	50Hz±5%
Output waveform	Sine wave
Output voltage waveform distortion	<3%
DC under-voltage protection point	20V±2%

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