



Parameters

JS-SPS-600C

PRODUCT CONFIGURATION

Item		Parameters	Quantity
System model		JS-SPS-600C	-
PV module		17V/85W	1
Con-inverter	Battery	12V/50AH	1
	Inverter	12V/600VA	1
	Controller	12V/10A	1
	Output terminals	AC220V×2, DC12V×4, USB5V×3	9
	Dimension(mm)	422×193×361	-
	Weight(kg)	24 (include battery)	-
Brackets		-	-

TECHNICAL PARAMETERS

PV module

Module type	YGE85
Power output Pmax(W)	85
Power output tolerance ΔP _{max} (%)	±5
Voltage at P _{max} Vmpp(V)	18.1
Current at P _{max} Impp(A)	4.71
Dimension(mm)	910×660×25
Weight(kg)	6.65

Battery

Type	lead-acid battery
Capacity	12V/50AH

Controller

Rated current(A)	10
DC over-voltage protection point(V)	15.5
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	Modified sine wave
Output voltage waveform distortion	<3%
DC under-voltage protection point	10V±2%

HOW TO USE

	Load	Power (W)	Quantity (set)	Run time (h)	Electricity consumption (wh)
Recommended load	LED light	3	2	10	60
	Cell phone	2	2	1	4
	TV	50	1	4	200
	Fan	70	1	2	140
Total		125	-	-	404

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	9 hours