

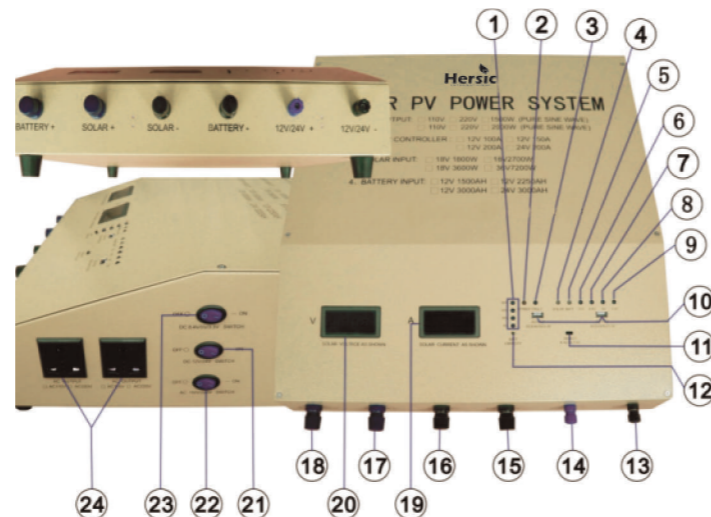
JC-HS6 Series AC+DC Solar System

I . Introduction of JC-HS6 series:

- 1.This series is Inverter(pure sine wave) and controller integrated machine, with batteries connected outside, more elastic for customers.
- 2.For connection, the solar panel and battery must be within the max limitation.
- 3.The inverters are pure sine wave inverter, with good performance:
 - Below 300W can be without the cooling fan
 - 600W inverter can charge fridge
 - 1200W can charge 1h air-condition
 - 110V/220V output can be selected on the inverter module
- 4.This series ,the power output of JC-HS601 to JC-HS614 is from 100W to 3000W
5. AC output :110V/120V/220V/240V/
6. DC output :12V/24V+8.4V&5V&3.3V

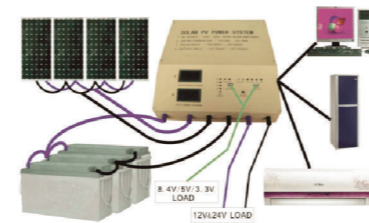
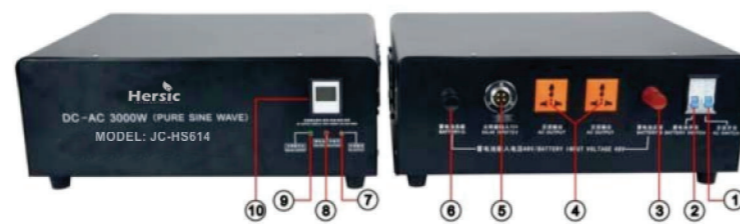
II . Product sketch map(JC-HS613 for example)

- 1) Battery power indicator.
- 2) Inverter's working indicator
- 3) Inverter's not working indicator
- 4) Solar charge indicator (red for charging; green for charge finished)
- 5) Battery power indicator. (green is with power; red is without power)
- 6) 12V output indicator (red for working)
- 7) 8.4V output indicator (red for working)
- 8) 5V output indicator (red for working)
- 9) 3.3V output indicator (red for working)
- 10)USB 8.4V&5V&3.3V interface
- 11) 8.4V&5V&3.3V select output button
- 12) Check button for battery's power
- 13) DC 12V output terminal -
- 14) DC 12V output terminal +
- 15) Battery input terminal -
- 16) Solar input terminal -
- 17) Solar input terminal +
- 18) Battery input terminal +
- 19) Solar charge Current as shown
- 20) Solar charge Voltage as shown
- 21) 12V output switch
- 22) 110V/220V output switch
- 23) 8.4V/5V/3.3V output switch
- 24) AC 220V output socket



Product sketch map(JC-HS614)

- 1) Power source output switch
- 2) Battery switch
- 3) Battery input +
- 4) Power source output socket
- 5) Solar input connector
- 6) Battery input -
- 7) Power source output indicator
- 8) Battery working indicator
- 9) Solar power input indicator
- 10) Digital display



JC-HS6 series connecting diagram



III . Specification:

Model	Controller Inside	Inverter Inside	Max Battery Limitation	Max Solar Panel limitation	Output voltage
JC-HS601	12V10A	100W	12V150AH	180W18V	AC110V/220V + 12V/ 8.4V/5V/3.3V
JC-HS602	12V20A	100W	12V300AH	360W18V	AC110V/220V + 12V/ 8.4V/5V/3.3V
JC-HS603	12V10A	300W	12V150AH	180W18V	AC110V/220V + 12V/ 8.4V/5V/3.3V
JC-HS604	12V20A	300W	12V300AH	360W18V	AC110V/220V + 12V/ 8.4V/5V/3.3V
JC-HS605	12V20A	600W	12V300AH	360W18V	AC110V/220V + 12V/ 8.4V/5V/3.3V
JC-HS606	12V50A	600W	12V750AH	900W18V	AC110V/220V + 12V/ 8.4V/5V/3.3V
JC-HS607	12V50A	1000W	12V750AH	900W18V	AC110V/220V + 12V/ 8.4V/5V/3.3V
JC-HS608	12V100A	1000W	12V1500AH	1800W18V	AC110V/220V + 12V/ 8.4V/5V/3.3V
JC-HS609	12V100A	1500W	12V1500AH	1800W18V	AC110V/220V + 12V/ 8.4V/5V/3.3V
JC-HS610	12V150A	1500W	12V2250AH	2700W18V	AC110V/220V + 12V/ 8.4V/5V/3.3V
JC-HS611	12V150A	2000W	12V2250AH	2700W18V	AC110V/220V + 12V/ 8.4V/5V/3.3V
JC-HS612	12V200A	2000W	12V3000AH	3600W18V	AC110V/220V + 2V/ 8.4V/5V/3.3V
JC-HS613	24V200A	2000W	24V3000AH	7200W18V	AC110V/220V + 12V/ 8.4V/5V/3.3V
JC-HS614	48V50A	3000W	48V750Ah	7200W72V	AC110V/220V + 12V/ 8.4V/5V/3.3V

Remarks:

1. The controller in JC-HS614 is MPPT controller
2. All the 12V models can be changed into 24V

IV. Application of each model:

Model	Light	Fan	Computer	TV	Fridge	Air-condition
JC-HS601	YES	YES				
JC-HS602	YES	YES				
JC-HS603	YES	YES	YES	YES		
JC-HS604	YES	YES	YES	YES		
JC-HS605	YES	YES	YES	YES	YES	
JC-HS606	YES	YES	YES	YES	YES	
JC-HS607	YES	YES	YES	YES	YES	
JC-HS608	YES	YES	YES	YES	YES	
JC-HS609	YES	YES	YES	YES	YES	YES
JC-HS610	YES	YES	YES	YES	YES	YES
JC-HS611	YES	YES	YES	YES	YES	YES
JC-HS612	YES	YES	YES	YES	YES	YES
JC-HS613	YES	YES	YES	YES	YES	YES
JC-HS614	YES	YES	YES	YES	YES	YES

V . Size and weight of solar system and packing of case

Model	System case				Case packing			
	Size (mm)			Weight (kg)	Size (mm)			Weight (kg)
	length	width	height		length	width	height	
JC-HS601	240	253	107	2.75	335	325	197	3.39
JC-HS602	240	253	107	2.8	335	325	197	3.44
JC-HS603	240	253	107	3.18	335	325	197	3.82
JC-HS604	240	253	107	3.2	335	325	197	3.84
JC-HS605	312	395	124	6.7	500	395	212	7.8
JC-HS606	312	395	124	7	500	395	212	8.1
JC-HS607	416	402	130	9.56	515	505	212	11
JC-HS608	416	402	130	9.85	515	505	212	11.29
JC-HS609	520	550	165	14.2	665	615	231	16.44
JC-HS610	520	550	165	14.4	665	615	231	16.64
JC-HS611	520	550	165	14.7	665	615	231	16.94
JC-HS612	520	550	165	15.04	665	615	231	17.28
JC-HS613	522	552	143	15.04	665	615	231	17.28
JC-HS614	460	390	185	10.8	665	615	231	12.14