

Solar Power System 2KVA (SPS-CWB1-2KVA)

SPS-CWB1 Series Solar Power System

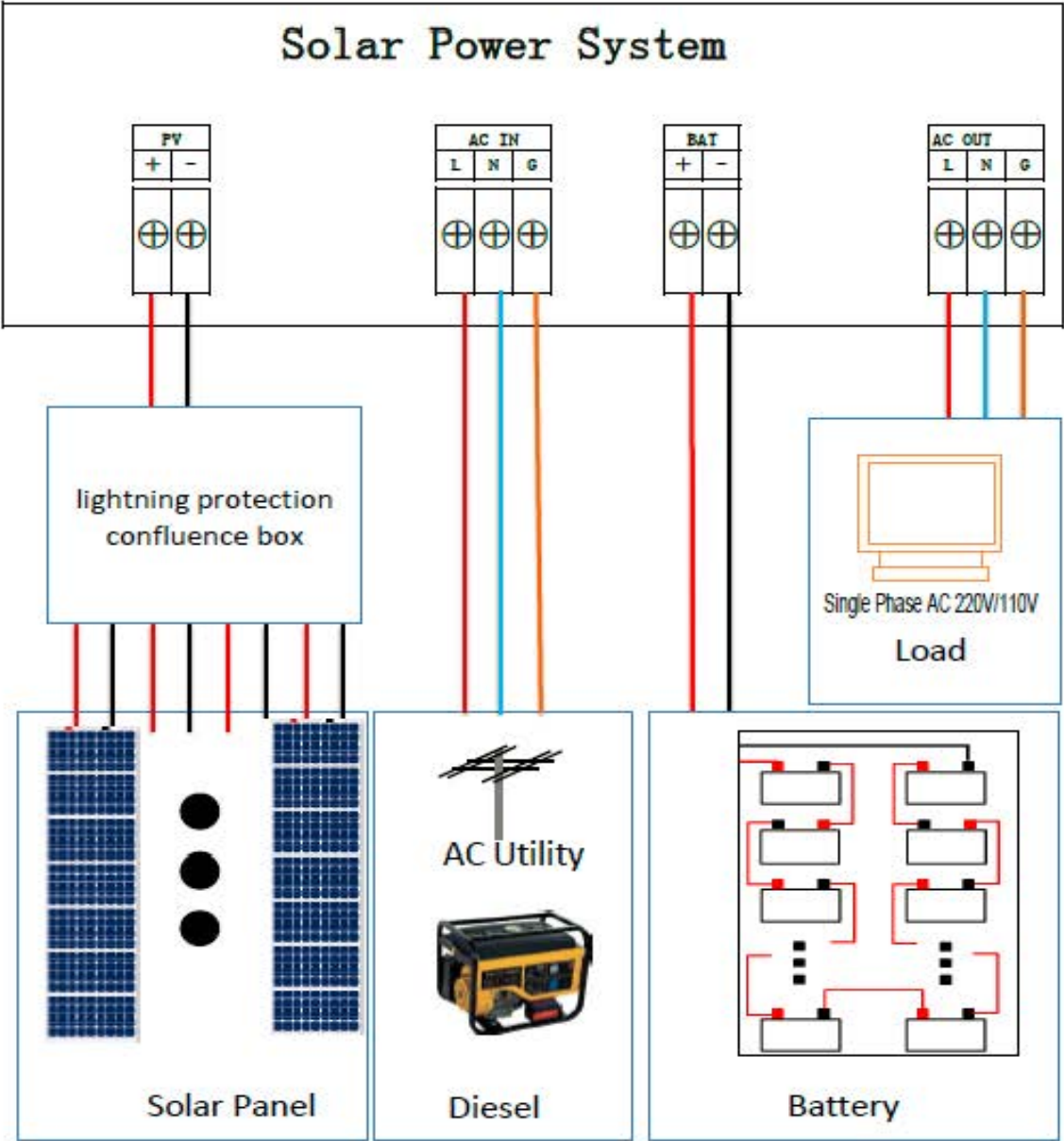
Solar Power System



Optional



Single phase AC
220V/110V output








SPS-2KVA


Technical data:		
Item No.	SPS-2KVA	
Capacity	solar panel 1600W, inverter 2KVA(1600W)	
System voltage	24VDC	
Daily consumption	6KWH	
Low Frequency Inverter and Controller All In One		
Inverter	Output wave	Pure sine wave
	Output voltage	AC220VAC±5%
	Output frequency	50HZ/60HZ
	Output Waveform	THDIAC< 3 %
	Overload ability	120%,30 seconds
	Efficiency(TYP.)	≥85%
Controller PWM	Maximum solar power	Ppv=1.8KWp
	Charge output voltage	28.8V
	PWM voltage range	30~36V
	VDC	36V
Battery	12V 230AH*8pcs AGM battery	15500WH
	Battery keep 3rainy days electricity, system design based on battery D.O.D 70%(depth of discharge) ,make battery use life longer.	
Solar panel	Pmax	265W*6pcs
	Vmp	30V
	Imp	8.8A

Load reference:					
SPS-2KVA solar home system					
loads name	specification	load's watt	qty	working hrs	Daily consumption
lighting	energy saving light	18	6	8	864
Fan	ceiling fan	80	2	8	1280
Computer	LCD displays	200	2	4	1600
tv		150	6	1	900
fax machine	jet	150	0	1	0
refrigerator	200L	120	1	24	1440
Air conditioner	1P	1000	0	8	0
Total					6084
Peak sunshine 6hr per day, battery keep 3rainy days electricity.					

SPS-2KVA solar home system: (can generate about 6kwh power per day with 6hours peack time)

2KVA Solar Power System Price List

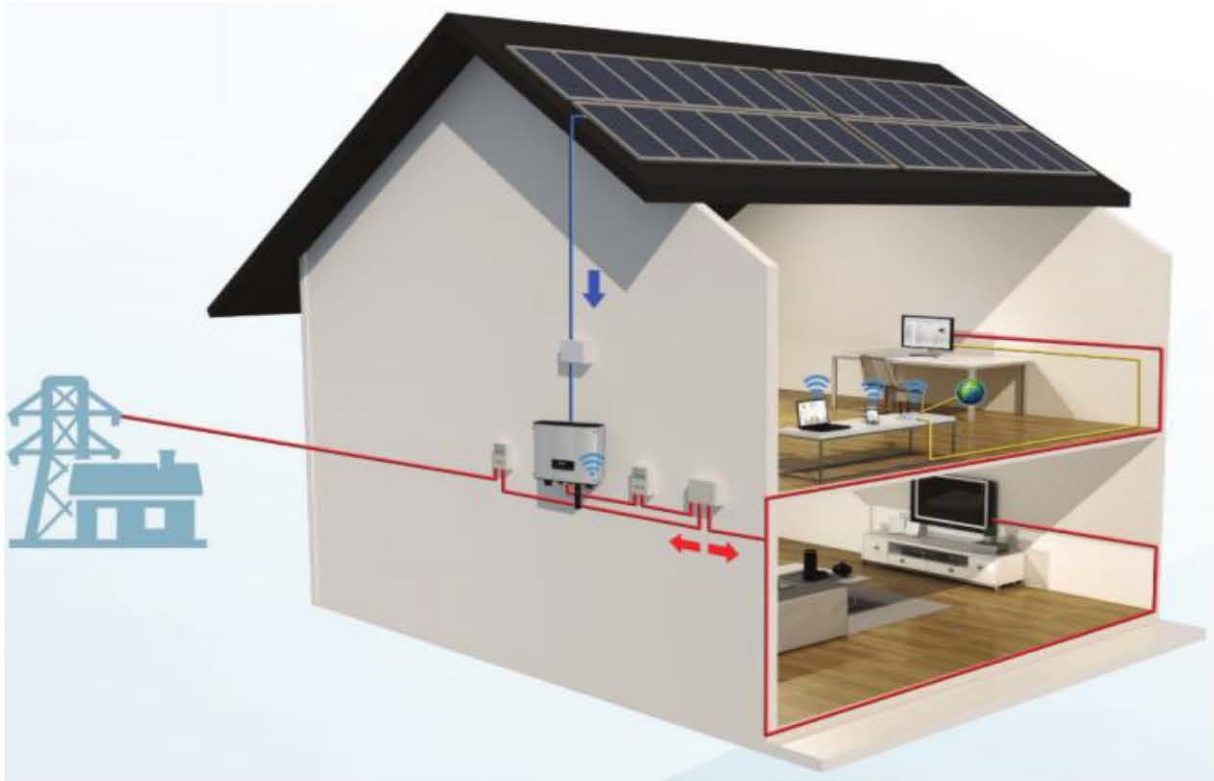
Name	Photo	Specification	Q'ty(pcs or sets)
Solar panel		solar panel: 265W/30V(SPM-265PB204) Motech brand cells, 30V,poly, size 1640*992*40mm,with 1M cable and MC-4 connector,3in seriesx2 in parallel	6
Inverter and controller all-in-one		inverter and controller all-in-one: 4inch LCD display,24VDC -2KVA PWM controller,pure sine wave2KVA inverter,single phase,AC 220V output,efficiency 85%-96%,filter function;with Grid electricity Auto switch	1
Battery		Deep cycle AGM battery,free maintain,12V,230AH,with 70% capacity 600cycle	8
Solar panel bracket		solar panel bracket: For 6pcs 265w panels,pot galvanize steel,roof installation, wind resistance 24.5m/s-28.4m/s	1
Whole system test fees,packing and cables		Cables: 4mm ² PV cable 20M;6mm ² cable 50M; including all the connectors and screws;wooden pallets and box packing solar combiner box to power box 20M battery to power box 3M ,including Whole system test fees,packing and tech service fees.	1

Battery rack		solar battery bracket:For 8pcs 12V 230AH battery,pot galvanize steel,including all the metal connetion between batteries.	1	
Total				\$4,950.00

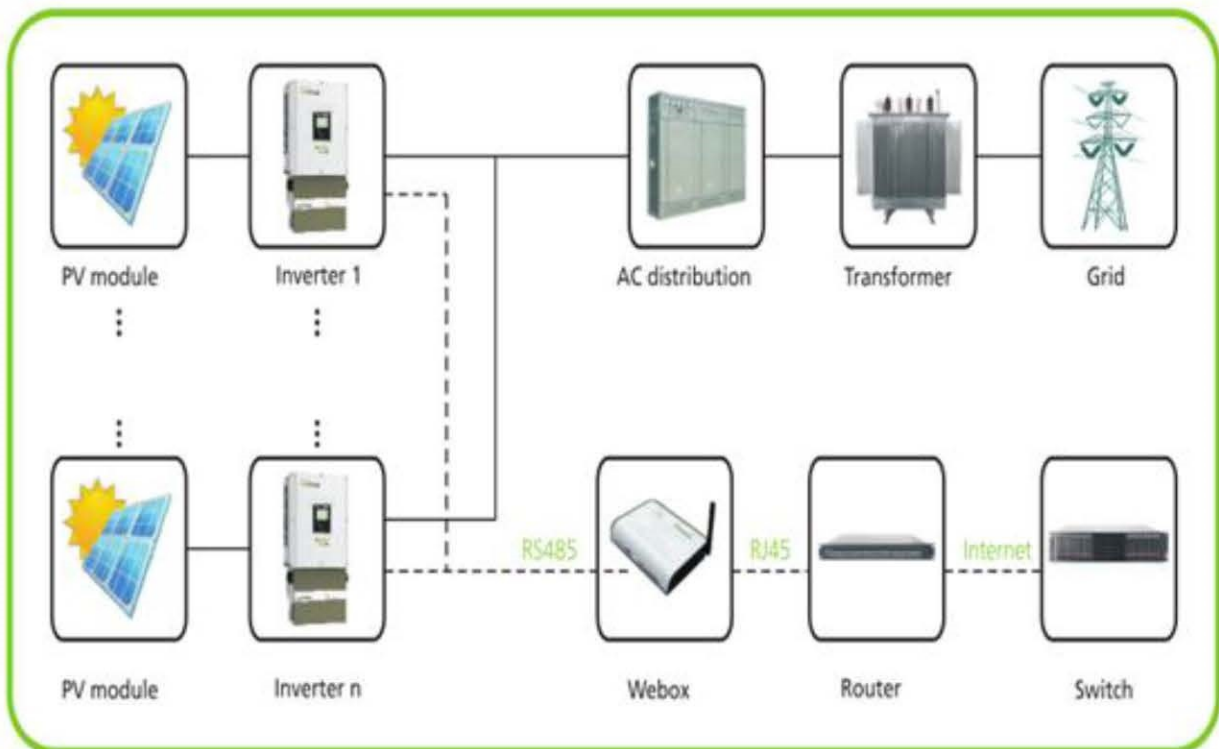
Remark:

- 1.All the system are design based on peak time 6hours.
- 2.Keep one rainy day battery capacity.
- 3.The battery can be GEL,OPVZ,OPZS ,price different,welcome inquiry.
- 4.Solar panels can be mono solar panels,price different ,welcome inquiry.
- 5.Controller&Inverter ALL-IN-ONE can be 7inch touch display,price diferent,welcome inquiry.
- 6.Details of the solution, the whole system drawings,manual and load reference will be supplied after u confirm the suitable system.
- 7.Warranty:
solar panels: power will not be less than 90% in 10years,and not less than 80% in 20years.
battery: AGM battery 1year,GEL 2years,OPZV 5years,OPZS 5years; inverter: 2years; brackets:8years.
- We supply the whole system after sales service,and if need,we supply installation guide service.
- 8.Certification:
the whole system: CE battery: IEC,UL,CE inverter:CE
solar panels: IEC 61215,IEC61730,VDE,TUV,CSA-UL,CEC,CE,ISO
- 9.Delivery time: 35days.






Turn Key Solution For ON GRID Solar Power System US




String Inverter Plant Diagram







3KW On-grid Solar System




Item	Photo	Specification	Q'ty (pcs)
Solar Panel		260W 30V poly solar panel, 1640*992*40mm	12
Inverter		3KW,3000TL-US,Single phase, MPPT,Growatt	1
Brackets		pot galvanize steel, pitched tile roof installation , wind resistance 24.5m/s-28.4m/s, front height 300mm	1
AC distribution box		Single phase 3kw, 220VAC	1
Cables& connectors		MC-4 connectors 2pairs, 4mm²PV Cable 30M,1000VDC voltage level	1
3KW Total Price			\$3,950.00



4KW On-grid Solar System

Item	Photo	Specification	Q'ty (pcs)
Solar Panel		260W 30V poly solar panel, 1640*992*40mm	16






Inverter		4KW,4000MTLP-US, Single phase, MPPT, Growatt	1
Brackets		pot galvanize steel, pitched tile roof installation , wind resistance 24.5m/s-28.4m/s, front height 300mm	1
AC distribution box		Single phase 4kw, 220VAC	1
Cables & connectors		MC-4 connectors 4pairs, 4mm ² PV Cable 40M, 1000VDC voltage level	1
4KW Total Price			\$4,850.00

5KW On-grid Solar System





Item	Photo	Specification	Q'ty (pcs)
Solar Panel		260W 30V poly solar panel, 1640*992*40mm	20
Inverter		5KW,5000MTLP-US, Single phase, MPPT, Growatt	1
Brackets		pot galvanize steel, pitched tile roof installation , wind resistance 24.5m/s-28.4m/s, front height 300mm	1

AC distribution box		Single phase 5kw, 220VAC	1
Cables& connectors		MC-4 connectors 4pairs, 4mm²PV Cable 40M,1000VDC voltage level	1
5KW Total Price			\$5,500.00



10KW On-grid Solar System

Item	Photo	Specification	Q'ty (pcs)
Solar Panel		260W 30V poly solar panel, 1640*992*40mm	40
Inverter		10KW,10000TL3-US, 3phases,MPPT,Growatt	1
Brackets		pot galvanize steel,pitched tile roof installation , wind resistance 24.5m/s-28.4m/s,front height 300mm	1
AC distribution box		three phases 10kw, 220VAC	1
Cables& connectors		MC-4 connectors 4pairs, 4mm²PV Cable 100M,1000VDC voltage level	1
10KW Total Price			\$8,950.00

12KW On-grid Solar System






Item	Photo	Specification	Q'ty (pcs)
Solar Panel		260W 30V poly solar panel, 1640*992*40mm	48
Inverter		12KW,12000TL3-US, 3phases,MPPT,Growatt	1
Brackets		pot galvanize steel,pitched tile roof installation , wind resistance 24.5m/s- 28.4m/s,front height 300mm	1
AC distribution box		three phase 12kw, 220VAC	1
Cables& connectors		MC-4 connectors 8pairs, 4mm²PV Cable 150M,1000VDC voltage level	1
12KW Total Price			\$10,650.00

18KW On-grid Solar System

Item	Photo	Specification	Q'ty (pcs)
Solar Panel		260W 30V poly solar panel, 1640*992*40mm	70
Inverter		18KW,18000TL3-US, 3phases,MPPT,Growatt	1

Brackets		pot galvanize steel, pitched tile roof installation , wind resistance 24.5m/s-28.4m/s, front height 300mm	1
AC distribution box		three phase 18kw, 220VAC	1
Cables& connectors		MC-4 connectors 6pairs, 4mm²PV Cable 150M, 1000VDC voltage level	1
18KW Total Price			\$14,000.00

20KW On-grid Solar System

Item	Photo	Specification	Q'ty (pcs)
Solar Panel		260W 30V poly solar panel, 1640*992*40mm	80
Inverter		20KW, 20000TL3-US, 3phases, MPPT, Growatt	1
Brackets		pot galvanize steel, pitched tile roof installation , wind resistance 24.5m/s-28.4m/s, front height 300mm	1
AC distribution box		three phase 20kw, 220VAC	1
Cables& connectors		MC-4 connectors 6pairs, 4mm²PV Cable 200M, 1000VDC voltage level	1
20KW Total Price			\$15,500.00

Remark:

1.Solar panels can be mono solar panels,price different ,welcome inquiry.

2.Solar panels are made by TAIWAN MOTECH brand cells.

3.FOB SHENZHEN in China

5.Warranty:

Solar panels: power will not be less than 90% in 10 years,and not less than 80% in

Inverter :5years.

6.Certification:

Solar panels: IEC 61215,IEC61730,VDE,TUV,CSA-UL,CEC,CE,ISO

Inverter: UL1741,UL1998,IEEE 1547,CSA C22.2 No.107.1-1,FCC Part 15(Class A&B),UL1699B

7.Delivery time: 15-25days.

8.Price valid time:15days.

9.The final cable price will be confirmed after got the details of the installation enviroment.