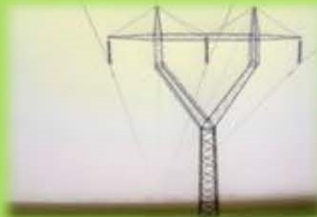


Solar Power System 10KVA (SPS-CWB1-10KVA)

SPS-CWB1 Series Solar Power System

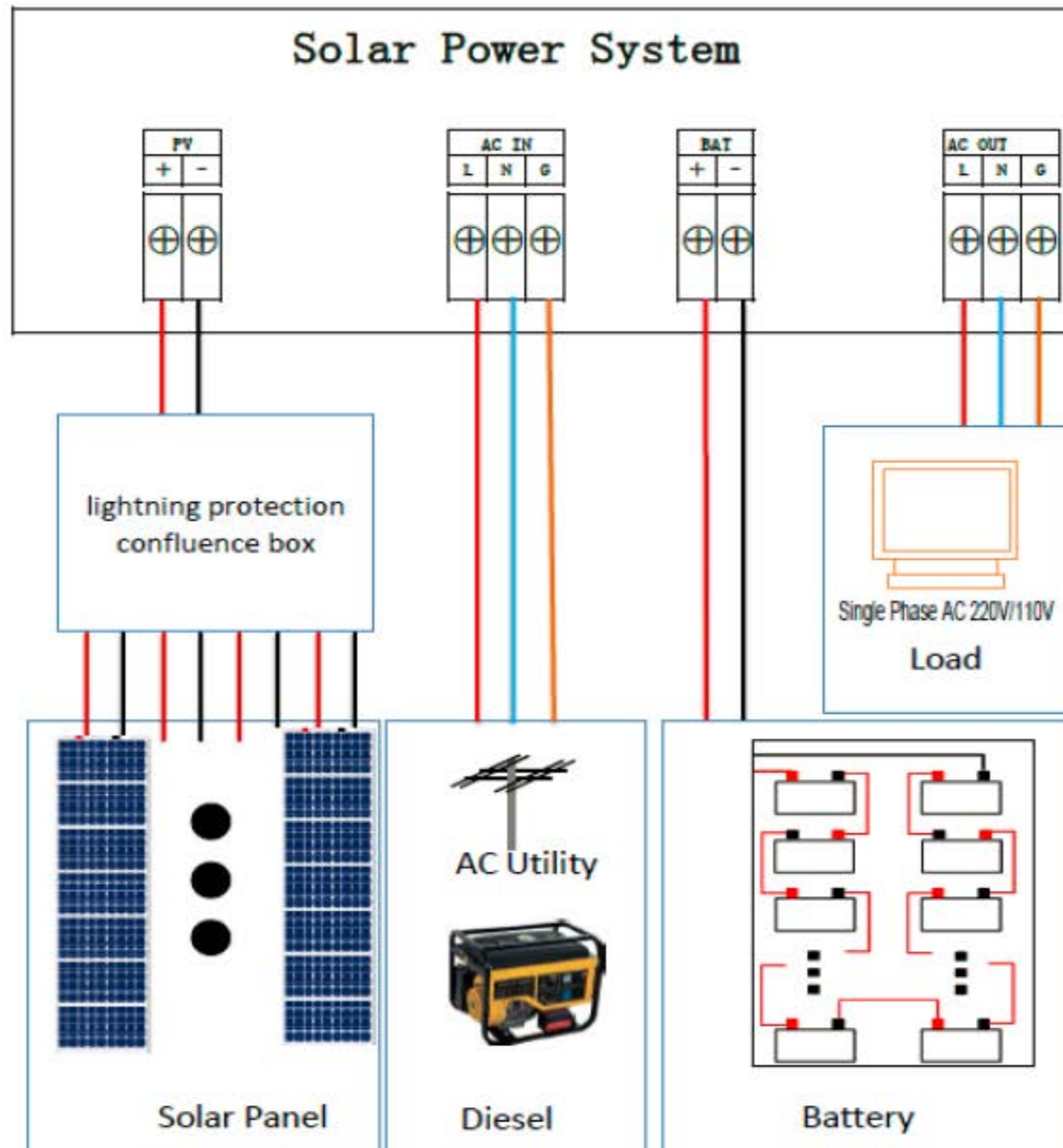
Low Frequency **MPPT** Solar Power System



Optional



Single phase AC
220V/110V output








SPS-10KVA



Technical data:		
Item No.	SPS-10KVA	
Capacity	solar panel 8.25KW, inverter 10KVA(8.25KW)	
System voltage	192VDC	
Daily consumption	31KWH	
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 MPPT	Maximum solar power	Ppv=9.9KWp
	Charge output voltage	192V
	MPPT voltage	260~450V
	Max. Open voltage	480V
Battery	12V 230AH*16pcs AGM battery	31KWH
	Battery keep 1 day electricity, system design based on battery D.O.D 70%(depth of discharge) ,make battery use life longer.	
Solar panel	Pmax	250W*33pcs
	Vmp	30V
	Imp	8.3A

Load reference:					
SPS-10KVA solar home system					
loads name	specification	load's watt	qty	working hrs	Daily consumption
lighting	energy saving light	11	10	8	880
Fan	ceiling fan	80	2	8	1280
Computer	LCD displays	200	2	5	2000
printer	jet	250	1	1	250
fax machine	jet	150	1	1	150
refrigerator	200L	120	1	24	1440
Air conditioner	1.5P	1500	2	8	24000
Total					30000
Peak sunshine 6hr per day, battery keep 1 day electricity.					

SPS-10KVA solar home system: (can generate about 31kwh power per day with 6hours peack time)

10KVA Solar Power System Price List

Name	Photo	Specification	Q'ty(pcs or sets)
Solar panel		solar panel: 250W/30V(SPM-250PB204) Motech brand cells, 30V,poly, size 1640*992*40mm,with 1M cable and MC-4 connector,11in seriesx 3in parallel	33
Inverter and controller all-in-one		inverter and controller all-in-one: 4inch LCD display,192VDC -8.25KW MPPT controller,pure sine wave 10KVA low frequency 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,Weight: 69KG/PCS.	16
DC combiner box		solar panel bracket: For 5pcs 150w panels,pot galvanize steel,roof installation, wind resistance 24.5m/s-28.4m/s	1
Battery rack		solar battery bracket:For 16pcs 12V 230AH battery,pot galvanize steel,including all the metal connetion between batteries.	1

Solar panel bracket		solar panel bracket: For 33pcs 250w panels,pot galvanize steel,roof installation, wind resistance 24.5m/s-28.4m/s	1
Whole system test fees,packing and cables		Cables: 4mm² PV cable 100M;10mm² cable 50M;including all the connectors and screws; wooden pallets and box packing, Distance reference: Solar panel inverter: 20m,battery-inverter:3m ,including Whole system test fees,packing and tech service fees.	1
Total			\$13,900.00

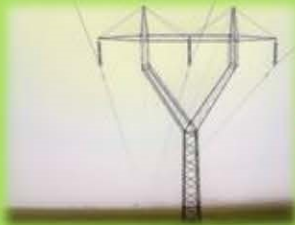
Remark:

- 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.

Solar Power System 30KVA (SPS-CWB3-30KVA)

SPS-CWB1 Series Solar Power System

Low Frequency **MPPT** Solar Power System

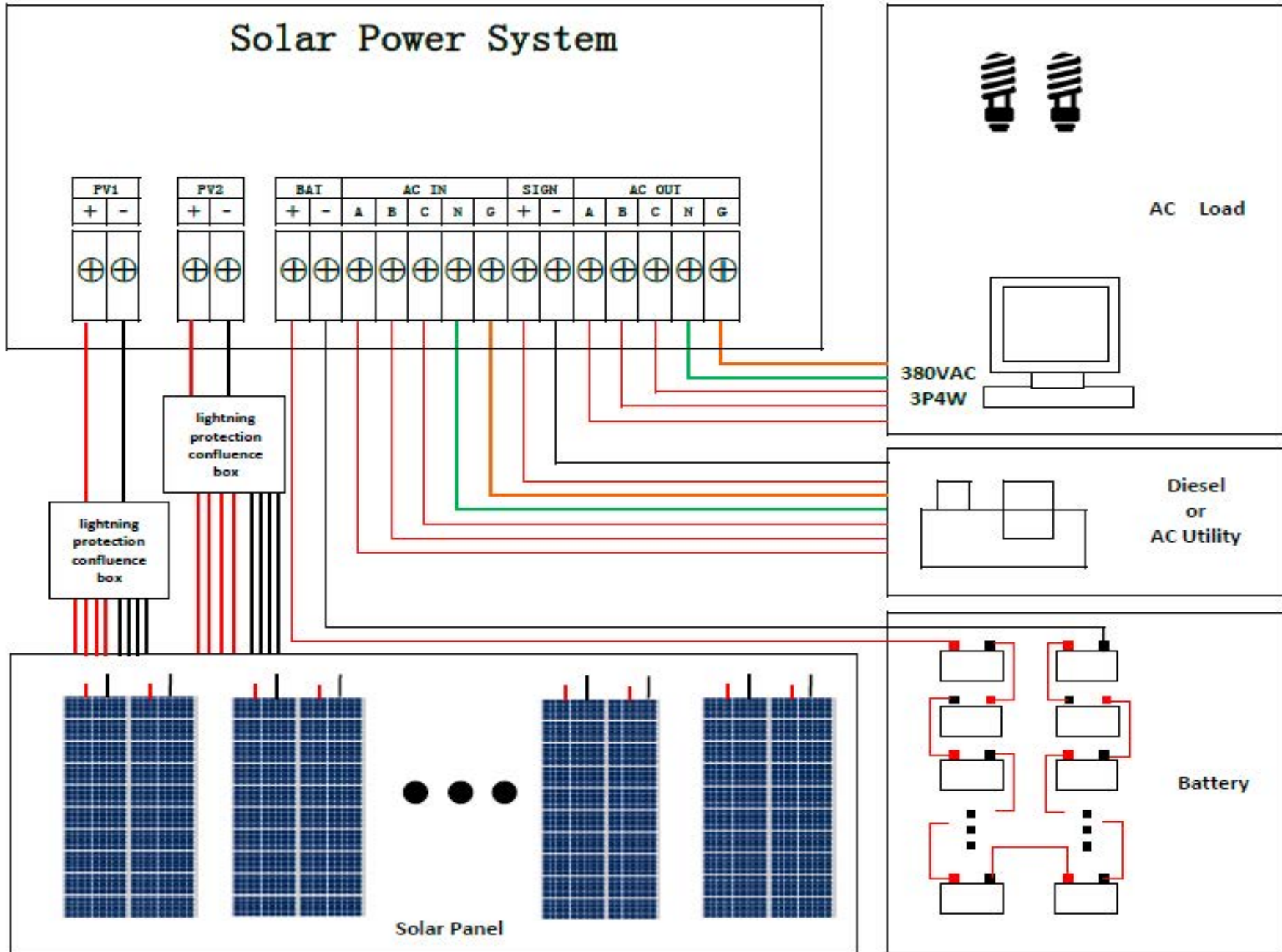


Optional



Three Phases
AC 380V/220V/110V
3P4W Output

Solar Power System





SPS-30KVA



Technical data:		
Item No.	SPS-30KVA	
Capacity	solar panel 24KW, inverter 30KVA(24KW)	
System voltage	240VDC	
Daily consumption	90KWH	
Low Frequency Inverter and Controller All In One		
Inverter	Output wave	Pure sine wave
	Output voltage	AC220V/380VAC±5%
	Output frequency	50HZ/60HZ
	Output Waveform	THDIAC< 3 %
	Overload ability	120%,30 seconds
	Efficiency(TYP.)	≥85%
Controller MPPT	Maximum solar power	Ppv=28.8KWp
	Charge output voltage	240V
	MPPT voltage	320-450V
	Max. Open voltage	480V
Battery	2V 500AH*120pcs AGM battery	89KWH
	Battery keep 1 day electricity, system design based on battery D.O.D 70%(depth of discharge) ,make battery use life longer.	
Solar panel	Pmax	250W*96pcs
	Vmp	30V
	Imp	8.3A

Load reference:					
SPS-30KVA solar home system					
loads name	specification	load's watt	qty	working hrs	Daily consumption
lighting	energy saving light	11	18	8	1584
Fan	ceiling fan	80	2	8	1280
Computer	LCD displays	200	5	8	8000
printer	jet	250	2	2	1000
fax machine	jet	150	2	1	300
refrigerator	200L	120	4	24	5760
Air conditioner	1.5P	1500	6	8	72000
Total					89924
Peak sunshine 6hr per day, battery keep 1 day electricity.					

SPS-30KVA solar home system: (can generate about 90kwh power per day with 6hours peak time)

30KVA Solar Power System Price List

Name	Photo	Specification	Q'ty(pcs or sets)
Solar panel		solar panel: 250W/30V(SPM-250PB204) Motech brand cells, 30V,poly, size 1640*992*40mm,with 1M cable and MC-4 connector,12in seriesx 8in parallel	96
Inverter and controller all-in-one		inverter and controller all-in-one: 4inch LCD display,240VDC -24KW MPPT controller,pure sine wave 30KVA low frequency inverter,3P4W,AC 380V/220V output,efficiency 85%-96%,filter function;with Grid electricity Auto switch	1
Battery		Deep cycle AGM battery,free maintain,2V,500AH,with 70% capacity 600cycle,Weight: 30.5KG/PCS.	120
DC combiner box		combiner box:lightning protection,reverse protection,waterproof protection IP65,Over current protection,over voltage protection,less solar power lose, 4input 1output,CB-0440-0401-01, Voc 200VDC~440VDC	2
Battery rack		solar battery bracket:For 120pcs 2V 500AH battery,pot galvanize steel,including all the metal connetion between batteries.	1

Solar panel bracket		solar panel bracket: For 96pcs 250w panels,pot galvanize steel,roof installation, wind resistance 24.5m/s-28.4m/s	1
Whole system test fees,packing and cables		Cables: 4mm² PV cable 250M;10mm² cable 150M;including all the connectors and screws; wooden pallets and box packing, Distance reference: Solar panel inverter: 20m,battery-inverter:3m ,including Whole system test fees,packing and tech service fees.	1
Total			\$39,900.00

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.