Off Grid Solar Home System SP500WS

System Basic Information	Suitable for daily power consumption : >2100WH Allowable max loads power : 700VA		
Solar panel (Mono)	FS350W mono solar panel Vmp:38.39V Voc:47.13V **Imp 9.25A** Size : 1956*992*40mm 25 years life time (CE TUV) **Coated steel** Glass:3.2mm Tem pered Terminal block：IP65 with MC4 connector Efficiency performance :25 years 80 % 20 year 85% 10 years 90%	QTY 1pc Price $108	
Hybrid solar Inverter	Solar inverter with controller build it **Inverter** power:SC500w/24V(sine wave) **PV controller** :20A/24VLCD display, **With AC charger** 10A **100% USA brand MOS materials** Output:110v,120v,220v,230v,240v(optional) Product size:430*145*224mm	QTY 1pc Price $170	
Gel Battery	Capacity:12V/150AH full sealed Solar power gel battery, Service life:6-8 years , Size:483*170*219mm **Connect way**:2pcs connect in series connect to solar hybrid inverter	QTY 2pcs Price $354	
panel rack	Slope Rooftop or Flat rooftop including complete fittings wind load:55m/s,snow load:1.5kn/m2 structure:Anodized Aluminum+stainless steel, Angle adjustable (other type of rack can be customized as per client's requirement)	QTY 1set Price $55	
Cables	1)1pc 16mm2*35cm battery cable 4pcs 16mm2**2M** battery cable 2)4mm2 PV cable **25M * 2pcs** 3)terminals and MC4 **4)2P 32A Power** switch	QTY 1set Price $110	

SP-500WS
Mono panel complete system price USD767

Full set:
Total volume:0.45CBM
Total weight:85KG

Connection

advantage:
Training team and installation service

Off Grid Solar Home System SP1KWS

System Basic Information	Suitable for daily power consumption : >4200WH Allowable max loads power : 1.4KVA		
Solar panel (Mono)	FS350W mono solar panel Vmp:38.39V Voc:47.13V **Imp 9.25A** Size : 1956*992*40mm 25 years life time (CE TUV) **Coated steel** Glass:3.2mm Tem pered Terminal block：IP65 with MC4 connector Efficiency performance :25 years 80 % 20 year 85% 10 years 90%	**QTY** 2pcs **Mono Price** **$216**	**SP-1KWS** **Mono panel complete** **system price USD954**
Hybrid solar Inverter	inverter with controller built it **Wall type Inverter** power:1kw/24v **PV controller** :30A/24V,AC charge:10-15A **100% USA brand MOS materials** Double protection, easy after sales service O/P:110V,220VAC and 5V/12VDC Product size:480*270*185mm	**QTY** 1pc **Price** **$219**	**Remote monitoring:** **110USD(optional)**
Gel Battery	Capacity:12V/150AH full sealed Solar power gel battery, Service life:6-8 years , Size:483*170*219mm **Connect way:**2pcs connect in series connect to solar hybrid inverter	**QTY** 2pcs **Price** **$344**	**Full set:** **Total volume:0.55CBM** Total weight:180KG Connection
panel rack	Slope Rooftop or Flat rooftop including complete fittings wind load:55m/s,snow load:1.5kn/m2 structure:Anodized Aluminum+stainless steel, Angle adjustable (other type of rack can be customized as per client's requirement)	**QTY** 1set **Price** **$110**	
Cables	1)1pc 16mm2*35cm battery cable, 4pcs 16mm2*2M battery cable. 2)4mm2 PV cable 50M,25M black 25M red. 3)1set PV terminals and MC4 4)1P 63A Battery switch and box	**QTY** 1set **Price** **$165**	**advantage:** Training team and installation service

Off Grid Solar Home System SP2KWS

System Basic Information	Suitable for daily power consumption : >8.4KWH Allowable max loads power : 2KW(=2.8KVA)		
Solar panel (Mono)	FS350W mono solar panel Vmp:38.39V Voc:47.13V **Imp 9.25A** Size : 1956*992*40mm 25 years life time (CE TUV) **Coated steel** Glass:3.2mm Tem pered Terminal block：IP65 with MC4 connector **Efficiency performance :25 years 80 % 20 year 85% 10 years 90%** Connect way:each 2 pcs in series	**QTY** 4pcs **Mono Price** $412	
Hybrid solar Inverter	**Wall type Inverter** power:2kw/48v **PV Controller** model:48v/40A **AC charger :10-15A** **100% USA brand MOS materials** Double protection, easy after sales service O/P:110V,220VAC and 5V/12VDC Product size:480*270*185mm	**QTY** 1pc **Price** $392	
Gel Battery	Capacity:12V/150AH full sealed Solar power gel battery, Service life:6-8 years , Size:483*170*219mm **Connect way:**4pcs connect in series connect to solar hybrid inverter	**QTY** 4pcs **Price** $698	
panel rack	Slope Rooftop or Flat rooftop wind load:55m/s,snow load:1.5kn/m2 structure:Anodized Aluminum+stainless steel, Angle adjustable (other type of rack can be customized as per client's requirement)	**QTY** 1set **Price** $200	
Cables	1) 3pcs 16mm2*35CM battery cable 4pcs 16mm2*2M battery cable 2)4mm2 PV cable **50M*2pcs** 3)terminals and MC4+1**P63A Power switch**	**QTY** 1set **Price** $185	

2kw solar system in Mozambique

SP-2KWS
Mono panel complete system price USD1857

Remote monitoring:
110USD(optional)

Full set:
Total volume:1.03CBM
Total weight:389KG

Connection

advantage:
Training team and installation service

Off Grid Solar Home System SP3KWS

System Basic Information	Suitable for daily power consumption : >12.6KWH Allowable max loads power : 3KW(=4.2KVA)		
Solar panel (Mono)	FS350W mono solar panel Vmp:38.39V Voc:47.13V **Imp 9.25A** Size : 1956*992*40mm 25 years life time (CE TUV) **Coated steel** Glass:3.2mm Tem pered Terminal block： IP65 with MC4 connector Efficiency performance :25 years 80 % 20 year 85% 10 years 90% Connect way:each 2 pcs in series	**QTY** 6pcs **Mono Price** **$618**	
PV combiner	Model:H4T-48V Simplify wiring between PV array and controller. Prevent hot spot effect thunderstorm& surge protection Product Size:360*345*145mm	**QTY** 1pc **Price** **$197**	
Hybrid solar Inverter	**Wall type Inverter** power:3kw/48V **PV Controller** model:48v/60A **AC charger :10-15A** **100% USA brand MOS materials** Double protection, easy after sales service O/P:110V,220VAC and 5V/12VDC Product size:480*270*185mm	**QTY** 1pc **Price** **$487**	
Gel Battery	Capacity:12V/200AH full sealed Solar power gel battery, Service life:6-8 years Size:522*240*219mm **Connect way**: 4pcs battery in series is each string.	**QTY** 4pcs **Price** **$790**	
panel rack	Slope Rooftop or Flat rooftop wind load:55m/s,snow load:1.5kn/m2 structure:Anodized Aluminum+stainless steel, Angle adjustable (other type of rack can be customized as per client's requirement)	**QTY** 1set **Price** **$200**	
Cables	1) 3pcs 16mm2*35CM battery cable **2pcs 16mm 2M battery cable** **16mm 10M power cable** 2)4mm2 PV cable **50M*2pcs** 3)terminals and MC4+1**P63A Battery switch BOX**	**QTY** 1set **Price** **$195**	

SP-3KWS
Mono panel complete system price USD2927

Remote monitoring: 110USD(optional)

Full set:
Total volume:1.56CBM
Total weight:453KG

Connection

advantage:
Training team and installation service

Off Grid Solar Home System SP-5KWS Suitable		
System Basic Information	for daily power consumption : >25.2KWH Allowable max loads power : 5KW(=7KVA)	
Solar panel (Mono)	FS350W mono solar panel Vmp:38.39V Voc:47.13V **Imp 9.25A** Size : 1956*992*40mm 25 years life time (CE TUV) **Coated steel** Glass:3.2mm Tem pered Terminal block：IP65 with MC4 connector Efficiency performance :25 years 80 % 20 year 85% 10 years 90% Connect way:each 4 pcs in series	**QTY** 12pcs **Mono Price** $1100
PV Array Combiner	Model:H4T-96v Multiple PV strings inputs. Simplify wiring between PV array and controller. Prevent hot spot effect Reliable thunderstorm& surge protection Product Size:360*345*145mm	**QTY** 1pc **Price** $200
Solar Controller	PV controller model:96V/60A Charging efficiency; 90%-95%, charging mode, intelligent control., various protection functions;	**QTY** 1pc **Price** $145
IGBT sine wave Inverter	**IGBT Inverter**:5KW96VDC 110V/120V/220V/230V/240VAC output, **City power and generator charger build in Overload, overcharge, over-discharge protection** Fuji brand IGBT material	**QTY** 1pc **Price** $855
Gel Battery	Capacity:12V/200AH full sealed Solar power gel battery, Service life:6-8 years Size:522*240*219mm **Connect way**: 8pcs battery in series	**QTY** 8pcs **Price** $1620
panel rack	Slope Rooftop or Flat rooftop wind load:55m/s,snow load:1.5kn/m2 structure:Anodized Aluminum+stainless steel, Angle adjustable (other type of rack can be customized as per client's requirement)	**QTY** 1set **Price** $380
Cables	1)7pcs 16mm2*35CM,2pcs 16mm2*2M battery cable，16mm *20M cable. 2)4mm2 PV cable 100M, (black+ red) 3)1set PV terminals and MC4 4)2P 63A Battery switch and box	**QTY** 1set **Price** $231

SP-5KWS
Mono panel complete system price USD4961

Remote monitoring: 110USD(optional)

Full set:
Total volume:2.8CBM
Total weight:663KG

advantage: Training team and installation service

Off Grid Solar Home System SP8KWS

System Basic Information	Suitable for daily power consumption : >33.6KWH Allowable max loads power : 8KW(=11.4KVA)		
Solar panel (Mono)	FS350W mono solar panel(poly **optional**) Vmp:38.39V Voc:47.13V **Imp 9.37A** Size : 1956*992*40mm 25 years life time (CE TUV) **Coated steel** Glass:3.2mm Tem pered Efficiency performance :25 years 80 % 20 year 85% 10 years 90% Connect way:each 4 pcs in series	**QTY** 16pcs **Mono Price** $1500	
PV Array Combiner	Model:H4T-96v Multiple PV strings inputs and controller, Prevent hot spot effect Reliable thunderstorm& surge protection Product Size:400*425*145mm	**QTY** 1pc **Price** $200	
Solar Controller	PV controller model:96V/60A Charging efficiency; 90%-95%, charging mode, intelligent control., various protection functions;	**QTY** 1pc **Price** $145	
Pure sine wave Inverter	Inverter:8KW96VDC 110V/120V/220V/230V/240VAC output, **City power and generator charger build in Overload, overcharge, over-discharge protection** **Fuji brand IGBT material**	**QTY** 1pc **Price** $1,000	
Gel Battery	Capacity:12V/150AH full sealed Solar power gel battery, Service life:6-8 years Size:483*170*219mm **Connect way**: 8pcs battery in series is each string. 2 strings connect to solar hybrid inverter	**QTY** 16pcs **Price** $2792	
panel rack	Slope Rooftop or Flat rooftop wind load:55m/s,snow load:1.5kn/m2 structure:Anodized Aluminum+stainless steel, Angle adjustable	**QTY** 1set **Price** $500	

Cables	1) 14pcs 16mm2*35CM battery cable
	   4pcs 16mm2***2M battery cable**
	   16mm *20M
	2)4mm2 PV cable **100M**
	3)terminals and MC4
	4)2P100A switch Box 2pcs
		QTY
		1set
		Price
		$268	

SP-8KWS
Mono panel complete system price USD6995

Remote monitoring: 110USD(optional)

Full set:
Total volume:3.2CBM
Total weight:1140KG

advantage:
Training team and installation service

TANFON Off Grid Solar Home System SP10KWS

System Basic Information	Suitable for daily power consumption : >42KWH Allowable max loads power :10KW(= 14.3KVA)		
Solar panel (Mono)	FS350W mono solar panel Vmp:38.39V Voc:47.13V **Imp 9.37A** Size : 1956*992*40mm 25 years life time (CE TUV) **Coated steel** Glass:3.2mm Tem pered Efficiency performance :25 years 80 % 20 year 85% 10 years 90% Connect way:each 4 pcs in series	**QTY** 20pcs **Mono Price** **$1950**	
PV Array Combiner	Model:H6T-96v Multiple PV strings inputs and controller, Prevent hot spot effect Reliable thunderstorm& surge protection Product Size:400*425*145mm	**QTY** 1pc **Price** **$427**	
Solar Controller	PV controller model:96V/100A Charging efficiency; 90%-95%, charging mode, intelligent control., various protection functions;	**QTY** 1pc **Price** **$260**	
Pure sine wave Inverter	Inverter:10KW96VDC 110V/120V/220V/230V/240VAC output, **City power and generator charger build** **in Overload,overcharge, over-discharge** **protection Fuji brand IGBT material**	**QTY** 1pc **Price** **$1130**	
Gel Battery	Capacity:12V/200AH full sealed Solar power gel battery, Service life:6-8 years Size:522*240*219mm **Connect way:** 8pcs battery in series is each string. 2 strings connect to solar hybrid inverter	**QTY** 16pcs **Price** **$3940**	
panel rack	Slope Rooftop or Flat rooftop wind load:55m/s,snow load:1.5kn/m2 structure:Anodized Aluminum+stainless steel, Angle adjustable	**QTY** 1set **Price** **$620**	

Cables	1) 14pcs 16mm2*35CM battery cable
	   4pcs 16mm2*2M battery cable
	   16mm *20M
	2)4mm2 PV cable **150M**
	3)terminals and MC4
	4)**2P100A switch Box 2pcs**
		QTY
		1set
		Price
		$315	

SP-10KWS

Mono panel complete system price USD8342

Remote monitoring: 110USD(optional)

Full set:
Total volume:4.72CBM
Total weight:1520KG

advantage: Training team and installation service

Off Grid Solar Home System SP15KWS Suitable		
System Basic Information	for daily power consumption : >67.2KWH Allowable max loads power : 15KW(=21.4KVA)	
Solar panel (Mono)	FS380W mono solar panel Vmp:38.39V Voc:47.13V **Imp 9.25A** Size : 1956*992*40mm 25 years life time (CE TUV) Coated steel Glass:3.2mm Tem pered Terminal block：IP65 with MC4 connector Efficiency performance :25 years 80 % 20 year 85% 10 years 90% Connect way:each 8pcs in series	**QTY** 28pcs **Mono Price** **$3260**
PV DC cabinet	Model:H4T-192v Multiple PV strings inputs and controller Prevent hot spot effect Reliable thunderstorm& surge protection Product Size:400*425*145mm	**QTY** 1pc **Price** **$570**
Controller	PV controller model:192V/80A Charging efficiency; 90%-95%, charging mode, intelligent control., various protection functions;	**QTY** 1pc **Price** **$518**
IGBT Inverter	Pure sine wave inverter;15kw, DC input:192v **AC charger** 15-20A **100% Germany brand IGBT materials** Double protection, easy after sales service O/P:110V,220VAC Product Size:590*470*730mm	**QTY** 1pc **Price** **$1998**
Gel Battery	Capacity:12V/250AH full sealed Solar power gel battery, Service life:6-8 years ,Size:483*170*219mm **Connect**: 16pcs battery in series is each string.	**QTY** 16pcs **Price** **$3980**
Panel rack	Slope Rooftop or Flat rooftop wind load:55m/s,snow load:1.5kn/m2 structure:Anodized Aluminum+stainless steel, Angle adjustable	**QTY** 1set **Price** **$890**

Cables	1) 14pcs 16mm2*35CM battery cable
	   2pcs 16mm2*2M battery cable
	   16mm 20M power cable
	2)4mm2 PV cable 2**00M**
	3)terminals MC4+2P **100A Power switch box**
		QTY
		1set
		Price
		$395

SP-15KWS

Mono panel complete system price USD11,341
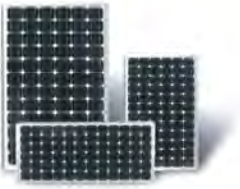
Remote monitoring: 110USD(optional)

Full set:
Total volume:6.6CBM
Total weight:2180KG

advantage:
Training team and installation service

Off Grid Solar Home System SP20KWS

System Basic Information	Suitable for daily power consumption : >80KWH Allowable max loads power : 20KW(=28KVA)		
Solar panel (Mono)	FS380W mono solar panel Vmp:38.39V Voc:47.13V **Imp 9.75A** Size : 1956*992*40mm 25 years life time (CE TUV) **Coated steel** Glass:3.2mm Tem pered Terminal block：IP65 with MC4 connector Efficiency performance :25 years 80 % 20 year 85% 10 years 90% Connect:each 7pcs in series, 5 strings in series	**QTY** 35pcs **Mono Price** **$3925**	
PV DC cabinet	Model:H6T-192v Multiple PV strings inputs and controller, Prevent hot spot effect Reliable thunderstorm& surge protection Product Size:400*425*145mm	**QTY** 1pcs **Price** **$657**	
Controller	PV controller model:192V/100A Charging efficiency; 90%-95%, charging mode, intelligent control., various protection functions;	**QTY** 1pc **Price** **$510**	
Pure sine wave Inverter	Pure sine wave inverter;20kw DC input:192v **AC charger** 15-20A **100% Germany brand IGBT materials** Double protection, easy after sales service O/P:110V,220VAC 50HZ or 60HZ Product Size:590*470*730mm	**QTY** 1pc **Price** **$2810**	
Gel Battery	Capacity:12V/200AH full sealed Solar power gel battery Service life:6-8 years Size:522*240*219mm **Connect way**: 16pcs battery in series is each string. 2 string connect to inverter and controller	**QTY** 32pcs **Price** **$6980**	
panel ground rack	Slope Rooftop or Flat rooftop wind load:55m/s,snow load:1.5kn/m2 structure:Anodized Aluminum+stainless steel, Angle adjustable(other type of rack can be customized as per client's requirement)	**QTY** 1set **Price** **$1400**	
Cables	1) 30pcs 16mm2*35CM battery cable 4pcs 16mm2*2M battery cable **25mm 20M power cable** 2)4mm2 PV cable **100M*2pcs** 3)terminals MC4+2P **100A Power switch box**	**QTY** 1set **Price** **$415**	

20kw solar system installed in Thailand

SP-20KWS
Mono panel complete system price USD15,257

Remote monitoring: 110USD(optional)

Full set:
Total volume:7.4CBM
Total weight:3327KG

advantage:

Training team and installation service

Off Grid Solar Home System SP30KWS

System Basic Information	Suitable for daily power consumption : >118KWH Allowable max loads power : 30KW	

SP-30KWS

Mono panel complete system price USD24,854

Remote monitoring: 110USD(optional)

Full set:
Total volume:13CBM
Total weight:5850KG

Component	Description	QTY / Price
Solar panel (Mono)	FS380W mono solar panel Vmp:38.39V Voc:47.13V **Imp 9.75A** Size : 1950*992*40mm 25 years life time (CE TUV) **Coated steel** Glass:3.2mm Tem pered Terminal block：IP65 with MC4 connector Efficiency performance :25 years 80 % 20 year 85% 10 years 90% Connect:each 13pcs in series	QTY 52pcs **Mono Price** **$5440**
PV Array Combiner	Model:H4T-360v Multiple PV strings inputs and controller,Prevent hot spot effect Reliable thunderstorm& surge protection Product Size:360*345*145mm	QTY 1pc **$657**
Controller	PV controller model: 360V/100A Charging efficiency; 90%-95%, charging mode, intelligent control., various protection functions; Can read daily,monthly and total power generation	QTY 1pc **$672**
IGBT sine wave Inverter	Pure sine wave inverter 30KW/360VDC input **AC charger** 15-20A **100% Germany brand IGBT materials** Product size:785*580*1197mm Weight:350KG Output: 220V 380V 415V 50/60HZ	QTY 1pc **$3900**
Gel Battery	Capacity:12V/200AH full sealed Solar power gel battery, Service life:6-8 years , Size:522*240*219mm **Connect way**: each 30pcs in series ,2 strings in parallel	QTY 60Pcs **$12400**
panel rack (Slope) (Flat)	Slope Roof or Flat roof or Ground (option) including complete fittings wind load:55m/s,snow load:1.5kn/m2 structure: Anodized Aluminum +stainless steel, Angle adjustable(other type of rack can be customized as per client's requirement)	QTY 1set **$1960**
Cables	1)58pcs 16mm2*35CM battery cable **4pcs 16mm2*2M battery cable** **25mm 20M power cable** 2)4mm2 PV cable **100M*2pcs** 3)terminals and MC4+**2P 100A Power switch box**	QTY 1set **Price** **$475**

advantage:
Training team and installation service

Free design service:

Install support:

package and shipment:

PACKAGING FIGURE

1.Solar panel packing

2.Solar panel packing(2)

3.Panel rack packing

4.PV Combiner packing

5.Solar hybrid inverter packing

6.Battery packing

project:

solar power/wind power/street light project all over the world