



Foshan Tanfon Energy Technology Co., Ltd. is specialized in R&D, manufacturing and selling solar system ,wind system ,all kinds inverter ,controller with the strength of design and help customer to solve the scheme of solar system,save your **90% electricity Bill**.(www.tanfon.com)


Tanfon Supply: Free site survey, design, production, installation, maintenance of one-stop service.

For the production, Each set solar power system has **power-off test 100 times per hour**.Each step of production is under strict quality control. Our products are qualified with CE, ROHS, ISO SGS certification

For our case: Our products have been **sold to more than 120** countries, (solar home project,solar school project ,solar hospital project,solar farm project ,solar hotel project,solar air port project ,solar military project ,Solar energy water treatment equipment project, solar government project etc)

we have a professional installation team, **has been to 32 countries and regions** (Egypt, Bangladesh, Chad,

Nigeria,Thailand,Ghana, Doha, East Timor state, Pakistan, kenya ,indonesia ,Dubai,Mozambique etc.) for installation service as well as win good feedback from the customers.

Quotation of SP5KW solar power system				
 <p>5KW off grid solar system in Spain It is for country cabin to power lights, pumps, TV, fridge, dishwasher and air conditioner. At first, this customer resisted because of the high tariffs. But now he loves it so much for the high quality. He says all is worth!</p>	product	Quantity	Unit price	Total price
	350w mono panel	16pcs	\$112	\$1792
	H4T PV combiner	1pc	\$190	\$190
	60A/96V solar controller	1pc	\$125	\$125
	5KW IGBT solar inverter	1pc	\$805	\$805
	200AH gel battery	8pcs	\$200	\$1600
	Solar panel bracket	1set	\$720	\$720
	PV cable+battery cable	1set	\$211	\$211
Total		\$5443+\$150(packing fee)=\$5593		

5000W home system Load reference				
Load name	Load's watt	Qty	Total watt	This exemple is just for reference. But Your load can be less than 5kw Remark: Refrigerator,air conditioner &water pump is inductive load ,start working power is 3-6 times more than normal power ,in the process of use ,turn on the inductive load first
lights	11W	8	88W	
Fan	80W	2	160W	
computer	150W	2	300W	
printer	250W	1	250W	
Fax machine	150W	1	150W	
refrigerator	120W	1	120W	
Washing machine	300W	2	600W	
Microwave	1000W	1	1000W	
Electric cooker	300W	1	300W	
Air conditioner(2HP)	1500W	1	1500W	
Satellite TV receiver/VCD	25W	1	25W	
Color TV	100W	2	200W	
Water pump	200W	1	200W	
Total			4813W	

TANFON Off grid solar power system- SP5KW

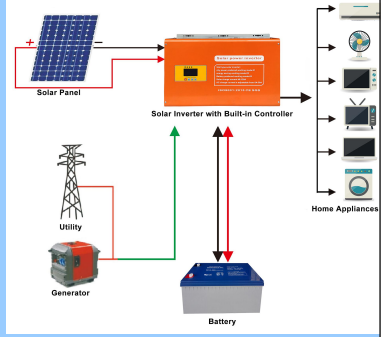
System Basic Information	Solar panel rated output power: 5600W Suitable for daily power consumption : >33.6KWH Allowable max loads power : 5KW(=7KVA)
Solar panel  (Mono) (poly)	FS350W mono solar panel(poly optional) Vmp:38.39V Voc:47.13V Imp 9.25A Size : 1956*992*40mm 25 years life time (CE TUV) Coated 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
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
Solar Controller 	MPPT controller model:96V/60A Charging efficiency; 90%-95%, charging mode, intelligent control., various protection functions;
Pure sine wave Inverter 	Inverter:5KW96VDC 110V/120V/220V/230V/240VAC output, City power and generator charger build in Overload, overcharge, over-discharge protection Fuji brand IGBT material
Gel Battery 	Capacity:12V/200AH full sealed Solar power gel battery, Service life:6-8 years ,(free one for service) Size:522*240*219mm Connect way: each 4pcs battery in series
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)
Cables 	1) 6pcs 16mm2*35CM battery cable 4pcs 16mm2*2M battery cable 2)4mm2 PV cable 100M 3)terminals and MC4+2P63A Battery switch



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SP-5kw
Mono panel complete system price USD5443
Poly panel complete system price USD5331

Full set:
Total volume:3.23CBM
Total weight:763KG



Connection

TANFON advantage:
 Training team and installation service



one-stop service:



Install support:



package and shipment:



TANFON project:



(log on www.tanfon.com ,check more new project picture ,video)

Customer Feedback:



(log on www.tanfon.com ,check more new project feedback ,video)

Remark:

- 1) MOQ:1 set, Price Term: FOB Foshan/Guangzhou
- 2) **The shipping condition in China is good,so our carton package for solar panel is safe.But the shipping condition in some countries is bad.In order to ensure solar panel safe in such a bad condition,we suggest you can pack the solar panel in plywood box.The cost for plywood box is 100USD for 300W 500W system,150USD for 1KW 2KW 3KW 5KW system.**
- 3)**We provide free system design service base on your requirement.**
If it is necessary, we can send engineer to your country and guide the installation.
- 4)Suggest buy all system from our factory, **solar panel have 10 years warranty ,other parts all have 2 years warranty;**
- 5)During the warranty, will ship the free parts for service ,some area have service center.
- 6) Payment Term: 30%by TT,balance.by TT before shipment;
- 7)Delivery: Goods can be ready for shipment within 7-15 working days upon payment receiving.
- 8)**Roof type bracket, need confirm your roof materials.**
- 9)**If you don't know which system is good for you, please ask our sales provide system load reference data to you ,it will help you find out which model system is suitable for your home.**
- 10)Free site survey, design, production, **installation**, maintenance of one-stop service.