



**TANFON ENERGY TECHNOLOGY CO.,LTD**

**Solar & wind hybrid systems product mainly use for home ,street lights system**

**both of them are Economic, Green and Environmentally Friendly .**

**At night or rainy day, wind turbine generate wind power. In sunny day, solar panel generate solar power. In windy and sunny day, both of them generate power.**

**wind turbine :3pcs or 5pcs blades optional; guy cable tower or free stand tower optional;**

**solar panel :mono or poly panel optional; battery capacity and quantity can optional;**

**On grid hybrid system:**

**solar +wind +on grid hybrid controller+ grid tie inverter**

**Off grid hybrid system:**

**solar +wind +hybrid controller +off grid inverter +battery**



TANFON Wind turbine system ,high efficient in electric energy producing; free maintenance. Low starting wind speed, can install on the proof, desert, island., etc. 300w-50kw model:wind generator+wind controller+ free maintenance battery+pure sine wave inverter(single phase&three phase)



Wind And Solar Hybrid System Doesn' t Rely On Any Other Power Back Up, No Construction Site Limited, Easy To Install, The System Can Be Optimized Configured According To Telecom Base Load Capability Requirement. 500w-20kw Model:wind Generator +solar Panel+hybrid Controller+ Free Maintenance Battery+pure Sine Wave Inverter(single Phase&three Phase)




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## TANFON 15KW hybrid power system :3000w solar +10kw wind

<b>System Basic Information</b>			
Solar panel power:3000W+ Wind turbine power10KW Suitable for daily power consumption:60-65KWH Allowable Max Loads power:16KW			
<b>Solar panel</b> 	Module type: mono(polycrystalline panel ) Max power :250W Vmp:34.8V Imp :7.2A Size : 1450*983*35mm 25 years power output guarantee <b>Connect way:</b> 4 pcs panels in series as a string, 5 strings in parallel a strings.	QTY 12pcs <b>\$2280</b> <b>(Mono)</b>  <b>(Poly)</b> <b>\$1740</b>	<b>Notes:</b> 1.pictures shown are for reference; 2.power consumption data is based on areas with average wind speed of 4.5m/s and average daily peak power sunshine of 4hrs. 3.the battery capacity is designed for 2 days backup in non-sunshine and windless weather 4.solar panel racks and cables are not included  <b>Remark:</b> 1)for wind and solar have 5 years warranty; 2)system other parts have 2 years warranty; 3)ship the parts for service of warranter time.
<b>Wind turbine</b> 	Power:10kw/120VDC Advantage: light weight, small volume Starting wind speed:3m/s Rated wind speed:13m/s Security wind speed:60m/s Rated speed:185r/m 3years warranty,20 year use lifetime guarantee.	QTY 1pc <b>\$8270</b>	
<b>Free stand Tower</b> 	Have 12meters tower high tower; It help fasten wind generator in safe altitude. Use steel material with rust prevention. Easy to install of power system project.	<b>QTY</b> 1sets <b>Price</b> <b>\$1200</b>	
<b>Solar Controller</b> 	Solar controller model:120VDC/60A Charging efficiency; 90%-97%, charging mode, intelligent control., temperature compensation, various protection functions;	<b>QTY</b> 1pc <b>Price</b> <b>\$240</b>	
<b>Wind controller</b> 	System Input 10000W/120VDC SPWM intelligent control Protection Function: Battery-over-charge-protection    Battery-reverse connection protection, Lightning protection, Wind turbine current limiting, Wind turbine automatic brake and manual brake.	QTY 1pc \$1280	
<b>pure sine wave Inverter</b>	Pure sine wave inverter;15kw/120VDC Output 220V 50Hz Use copper transformer; Bypass function with AC charger;	QTY 1pc <b>\$2250</b>	

	<p>Output:120v,220v,230v,240v(optional)  Product Size:590*470*730mm  Weight:145KG</p>		
<p><b>Battery</b></p> 	<p>Accumulator AGM 12V/200AH  Solar power lead-acid battery, full sealed  Deep cycle free maintenance type, special used  for solar or wind power storage  Service life:5-6 years ,warranty :2 year  <b>Connect way:</b>10 pcs in series as a  string,2 strings in parallels .  Package: wooden packing.</p>	<p>QTY  16pcs  <b>\$3800</b></p>	
<p><b>Cables</b></p> 	<p>12m2 calbe line  100Meter red cable and blues cable  cable, accord International standard,  with specification suitable for high power  system,</p>	<p>QTY  <b>2pcs</b>  <b>\$380</b></p>	

**Remark:**

- 1)Solar panel and wind capacity can according to customer request .
- 2)Total system price: to be provided by email upon receiving client's specification inquiry. We accept OEM.
- 3)suggest buy all system from our factory ,  
wind turbine and solar panel have 5 years warranty ,other parts all have 2 years warranty;
- 4)during the warranty,will ship the free parts for service ,we promise our quality.
- 5) Price Term: FOB foshan or Guangzhou
- 6) Payment Term: 30%by TT,balance.by TT before shipment;
- 7) Delivery: Goods can be ready for shipment within 10-15 working days upon payment receiving.

