



**ARK SOLAIRE**  
LE SOLEIL, NOTRE SOLUTION

**Off-Grid Wind-Solar Hybrid Power Supply System** Ref 5KW.: **Wind Turbine / Solar Panel**

**System Basic Information:**

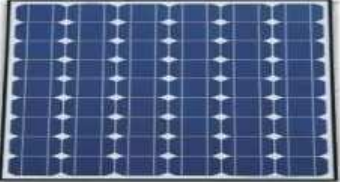


**Solar Panel Maximum Output Power: 5KW**  
**Suitable for Daily Power Consumption: 15KWH**  
Allowable Max Continuous Loads Power: 10KW  
Suitable for Average Daily Sunshine Hours: 7 hours

**Wind turbine**



3KW 48V, permanent-magnet generator, 5-blade type; startup wind speed only 2m/s  
Design Lifetime: 20 years  
Warranty: 3 years



<p style="text-align: center;"><b>Solar Panel</b></p> 	<p>250W 35V, high-efficiency A-class crystalline solar cell  Lifetime: 25 years;  Warranty: 3 years.  Power decline less than 8% within 10 years, less than 20% within 20 years.</p>	<p><b>Reminding:</b></p> <p>This system solution is just for reference. It can be adjusted based on actual condition and requirement. All parts have been tested and proven in actual operation with enough reliability and stability. It's suggested to source whole system as a package from us to guarantee the system compatibility.</p> <p><b>Notes:</b></p> <ol style="list-style-type: none"> <li>1. All pictures as shown are for reference.</li> <li>2. The battery capacity provides power backup for 2 continuous rainy or cloudy days.</li> <li>3. Certification: CE, ROHS, IEC</li> </ol> <p><b>Terms and conditions:</b></p> <ol style="list-style-type: none"> <li>1. Price: FOB SHANGHAI in US Dollar.</li> <li>2. Payment: for small orders by T/T in advance; for big orders, 30% by T/T, balance by T/T or L/C.</li> <li>3. Delivery: Goods shall be shipped within 10~25 days upon payment receiving depending on order quantity.</li> <li>4. Validity: 30 days.</li> <li>5. Warranty: see left list for each part.</li> </ol>
<p style="text-align: center;"><b>Controller</b></p> 	<p>3KW48V, wind-solar hybrid type;  complete LCD display;  MPPT intelligent  Protections against overcharge/overdischarge/short-circuit/overload/antireverse connection, etc.  Service Life: over 10 years.  Warranty: 2 years</p>	
<p style="text-align: center;"><b>Inverter</b></p> 	<p>DC48V / 1-phase AC220V, max continuous power: 10KW;  True sinewave, off-grid with grid bypass  Wide-range MPPT automatic power tracking; high inverting efficiency up to 96%; various protection functions.  Service Life: over 10 years.  Warranty: 1 year</p>	

**Battery**



12V/150AH per piece,  
lead-acid type  
Deep cycle free  
maintenance, special  
used for solar or wind  
power storage

Service Life: 5~6 years  
Warranty: 2 years