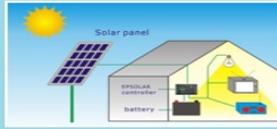


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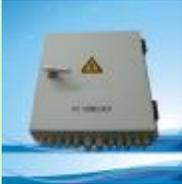
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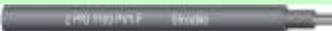
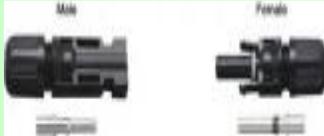


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بجانب بنك بيت التمويل الكويتي
تلفون ٢٢٦٣٨١٦١
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3KW 48V off grid solar power system		Model AA.S.Modern	
3KW off grid solar power system including:	Solar Panel 3000W (250W 12pcs)	MRE-250W	
	MPPT Solar Charge controller 48V-30Amp 2pcs	MPS303	
	Deep cycle battery 12v-250ah 4pcs	GFM12-250	
	Off grid inverter 48V-3KW 1pc	NS303048	
Features of 3KW solar power system :			
	<p>Solar panel rated output power:3000W</p> <p>Suitable for daily power consumption : < 24000WH / 24KW (Better sunshine 8h per day)</p> <p>Allowable max loads power : 3KW</p> <p>Supply power for TV , washer, fan,fridger...</p>		
Items	Feature	QTY	
<p>Solar Panel</p> 	<p>Model:MRE-250W type:Mono solar panel Max power :250w Vmp: 30.8V Imp:8.11Amp Size:1640*992*50mm Weight:20kg/pc</p>	12pcs	
<p>PV Array Box</p> 	<p>Applicable for outdoor PV systems >4/6/8/10 PV string inputs with max current 10-15a >With PV dedicated high voltage lightning protection device >Waterproof terminals >Lighting Protection,it can reduce solar cable.</p>	2pc	
<p>Controller</p> 	<p>48V, 30A, can be in parallel. Micro CPU controlled with MPPT,which can increase PV system efficiency 20~30% Fully automatic operation and protections. Unit size: 280*191*71mm. N.W.: 2.7KG. Package size: 325*220*130mm. G.W.: 3.2KG.</p>	2pcs	
<p>Battery</p> 	<p>Deep cycle battery 12v-250ah, span life can reach 8years. Weight:60KG</p>	4pcs	

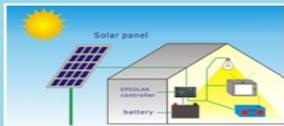
<p style="text-align: center;">Inverter</p> 	<p>1. Off grid inverter 48V-3000W 2. Output pure sine wave,100V/110V/120VAC,or 220V/230V/240VAC,50HZ/60HZ 3. Protections: against short-circuit, overload, battery reverse polarity, low-voltage, and over-voltage protection, etc. 4. Weight: 32kg 5. Size: 553*260*523mm</p>	<p style="text-align: center;">1pc</p>	
<p style="text-align: center;">solar panel mounting brackets</p> 	<p>Pitched roof titl racking and Ground mounting two installtion(optional) Material:Al6005-T5 Extruded Aluminum Section High Class Anodized Aluminum one set brackets can mount 4pcs solar panels</p>	<p style="text-align: center;">3sets</p>	
<p style="text-align: center;">Battery case</p> 	<p>Battery case can install 4pcs 12V-250Ah batteries, come with connect cable,battery swith,fuse Size:550*500*600mm</p>	<p style="text-align: center;">1 pc</p>	
<p style="text-align: center;">solar cable</p> 	<p>4mm2 solar cable(black,single core) N.W.: 68g/m</p>	<p style="text-align: center;">85m</p>	
<p style="text-align: center;">connector</p> 	<p>MC4 connector (male and female,for 4mm2 cable) N.W.: 23g/set</p>	<p style="text-align: center;">6 sets</p>	

Matched system diagram:

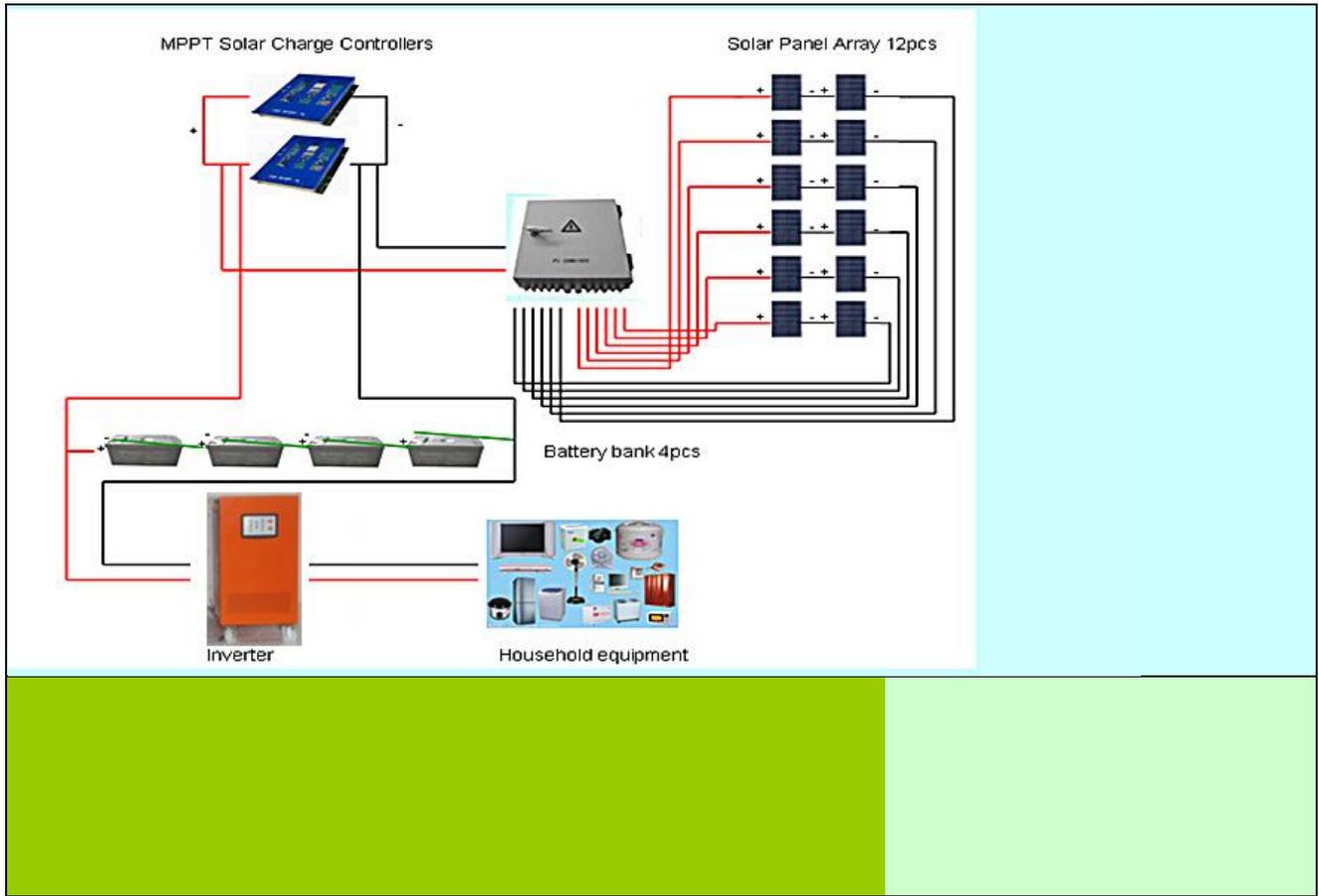
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