

## EEMB ET-1k--- Solar Power System



### System Design

<b>Solar module</b>	1000Wp
<b>Maintenance-free battery</b>	600AH/24V
<b>Inverter</b>	2000W
<b>Solar charger controller</b>	30A
<b>At-door installation or offer the blueprint</b>	
<b>3 rainy days of system work duration</b>	

### SPECIFICATIONS

The system can meet the power need of following household appliances					
Appliances	Specification	Power Consumption	Quantity	Work Time/Day	Power consumed/Day
Lighting	power-save lamps	11W	6	4	264Wh
Computer	ordinary	140W	1	5	700Wh
Printer	inkjet	30W	1	1	30Wh
Washing machine		300W	1	0.5	150Wh
Micro oven(optional)		1200W	1	0.1	120Wh

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Colour TV	25inch	140W	1	6	840Wh
Air conditioning	1horse	800W	1	3	2000Wh
Total		2480W			4104Wh

Note:

1. Standard testing condition: 25°C, AM1.5 spectrum, 1000W/m<sup>2</sup> irradiance
2. Insulation $\geq$ 100M $\Omega$
3. Voltage standoff: AC 2000V, DC 3000V
4. Wind pressure: 60m/s (200kg/m<sup>2</sup>)

\* Customer design is available upon request. All the figures and parameters rely on the actual need of user.

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