



***SOLAR HOME SYSTEM
SPECIFICATION
EEMB ET-1000***

BRIEF SPECIFICATION

Model: EEMB ET-1000

Solar panel power: 1000W

Battery voltage: 24V

Battery capacity: 600Ah

ISO9001 Certified

Manufacturer: EEMB Co., Ltd.

Website: <http://eemb.com>

STANDARD SPECIFICATION

1. SUBJECT

This specification presents typical and guaranteed ex-work values of the 1000W solar home system of model EEMB ET1000.

Solar home system is mainly composed of solar module, battery, controller, inverter and distribution box, which can be applied to household electrical appliance according to the parameters of the components.

2. SPECIFICATION OF SYSTEM COMPONENTS

Components	Description		Quantity
Solar panel	Model	ESP170	6
	Power	170W	
	Working voltage	34.4V	
	Working current	4.95A	
Battery	Type	New technology	12
		Traditional battery	
	LiFePO4 battery	Lead-acid battery	
	System voltage	2V	
Capacity	600Ah		
Controller	System voltage	24V	1
	Rated current	40A	
Inverter	Model	Pure sine wave	1
	Power rating	1000W	
	Peak power	2000W	
	Output voltage	100V/240V50Hz/60Hz	
Distribution box	Materials	Steel, zincification, spraying plastics	1

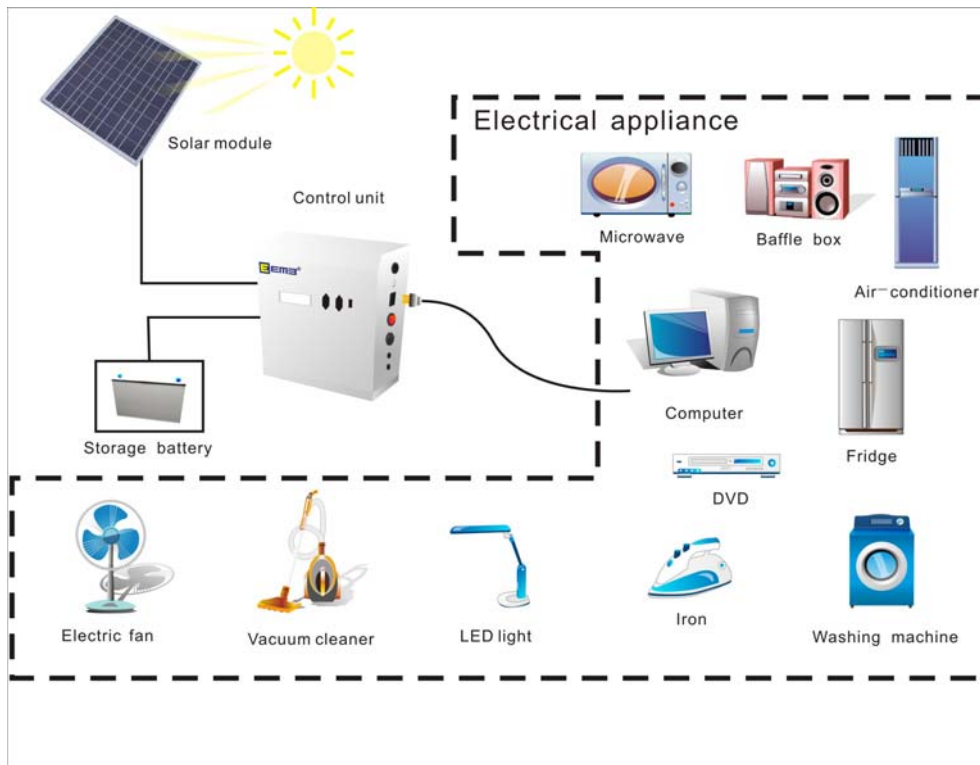
Note: The type of battery is alternative.

3. THE LOAD CAPABILITY OF SYSTEM(The system can satisfied the power need of the following household appliances)

Load	Specification	Power	Quantity	Working time (hours)	Daily consumption	Continuous wet days
LED light	7W/12V/220V	7W	6	6	252Wh	3
TV	180W/220V	180W	1	6	1080Wh	
Satellite TV set	25W/220V	25W	1	6	150Wh	
Computer	200W/220V	200W	1	6	1200Wh	
Fan	60W/220V	60W	3	4	720Wh	
Refrigerator	50W/221V	50W	1	24	500Wh	
Water pump	200W/220V	200W	1	2	400W	
Total		1077W			4302W	

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4. SCHEMATIC DIAGRAM



5. Photo



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