



# *SOLAR HOME SYSTEM SPECIFICATION*

## *EEMB ET-150*

### **BRIEF SPECIFICATION**

Model: EEMB ET-150  
Solar panel power: 150W  
Battery voltage: 24V  
Battery capacity: 200Ah  
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 150W solar home system of model EEMB ET-150.

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	ESP150	1
	Power	150W	
	Working voltage	34.4V	
	Working current	4.3A	
Battery	Type	New technology	1
		Traditional battery	
	LiFePO4 battery	Lead-acid battery	
System voltage	24V		
Capacity	200Ah		
Controller	System voltage	24V	1
	Rated current	10A	
Inverter	Model	Pure sine wave	1
	Power rating	300W	
	Peak power	300W	
	Output voltage	100V/240V50Hz/60Hz	
Distribution box	Materials	Steel, zincification, spraying plastics	1

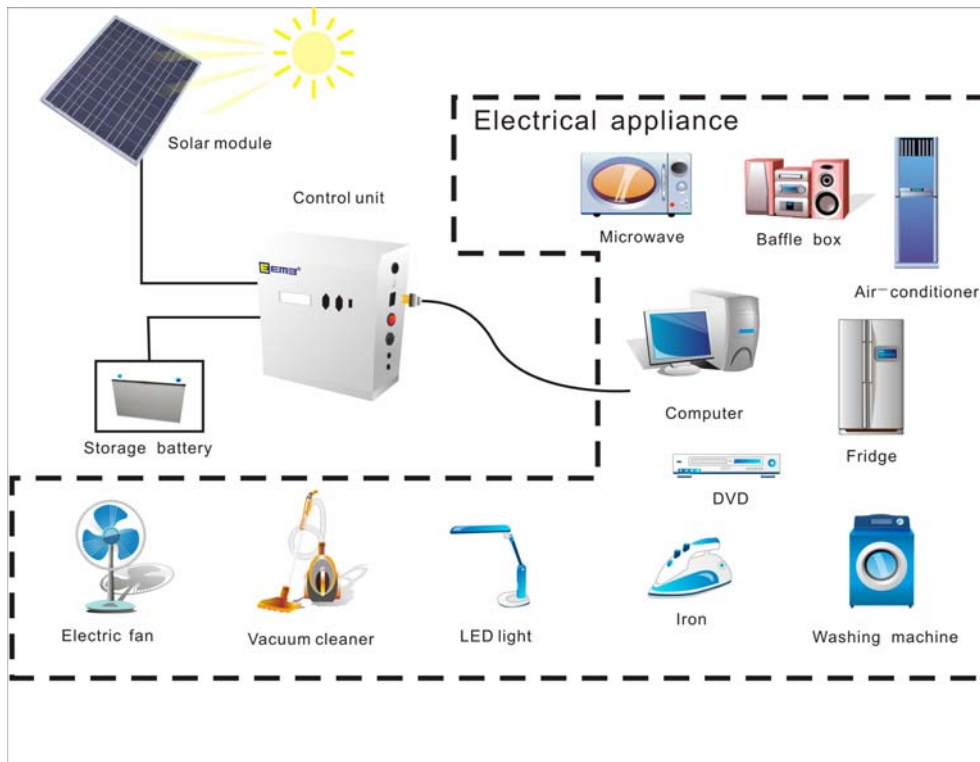
Note: The type of battery is alternative.

### 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	12V, 4W	4W	4	6	96Wh	2
TV	21 inch	95W	1	3	285Wh	
Satellite TV set	25W/220V	25W	1	3	75Wh	
Computer		40W	1	3	120Wh	
Total		176W			576Wh	

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#### 4. SCHEMATIC DIAGRAM



#### 5. Photo



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