



***SOLAR HOME SYSTEM  
SPECIFICATION  
EEMB ET-200***

**BRIEF SPECIFICATION**

Model: EEMB ET-200  
Solar panel power: 200W  
Battery voltage: 24V  
Battery capacity: 100Ah  
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 200W solar home system of model EEMB ET-200.

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	ESP100	2
	Power	100W	
	Working voltage	17.4V	
	Working current	5.74A	
Battery	Type	New technology	2
		Traditional battery	
	LiFePO4 battery	Lead-acid battery	
System voltage	12V		
Capacity	100Ah		
Controller	System voltage	24V	1
	Rated current	10A	
Inverter	Model	Pure sine wave	1
	Power rating	300W	
	Peak power	600W	
	Output voltage	100V/240V50Hz/60Hz	
Distribution box	Materials	Steel, zincification, spraying plastics	1

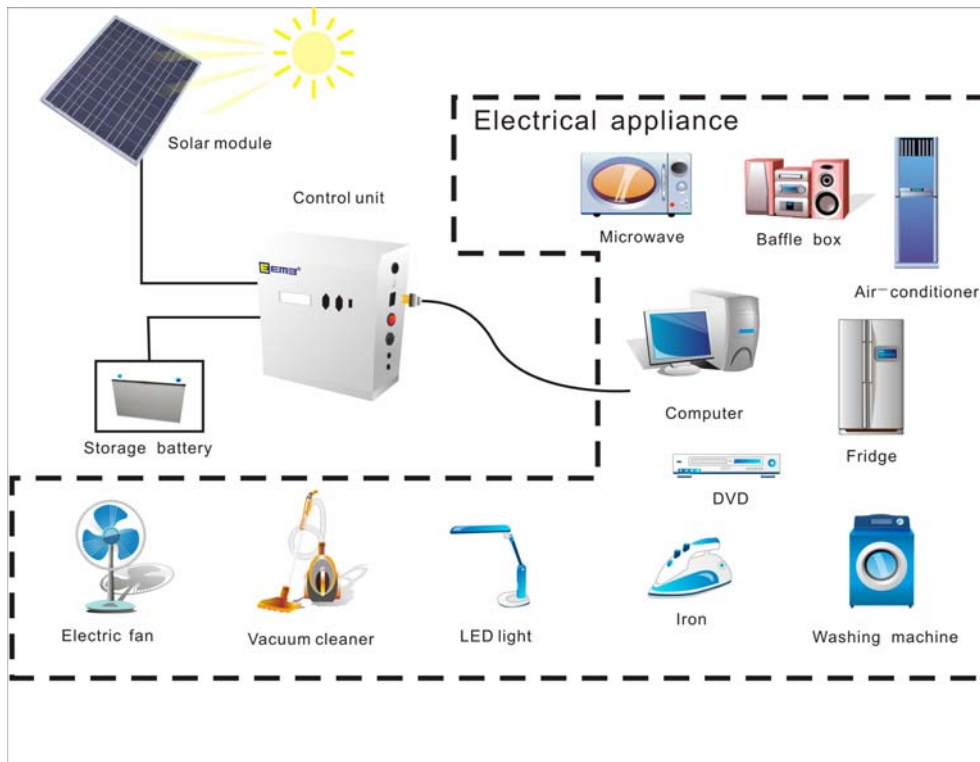
Note: The type of battery is alternative.

### 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	5	5	100Wh	3
TV	21 inch	95W	1	5	475Wh	
Satellite TV set	25W/220V	25W	1	4	100Wh	
Computer		40W	1	5	200Wh	
Total		188W			875Wh	

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#### 4. SCHEMATIC DIAGRAM



#### 5. Photo



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