



***SOLAR HOME SYSTEM
SPECIFICATION
EEMB ET-300***

BRIEF SPECIFICATION

Model: EEMB ET-300
Solar panel power: 300W
Battery voltage: 24V
Battery capacity: 150Ah
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 300W solar home system of model EEMB ET-300.

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	2
	Power	150W	
	Working voltage	35V	
	Working current	4.3A	
Battery	Type	New technology	2
		Traditional battery	
	LiFePO4 battery	Lead-acid battery	
System voltage	12V		
Capacity	150Ah		
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

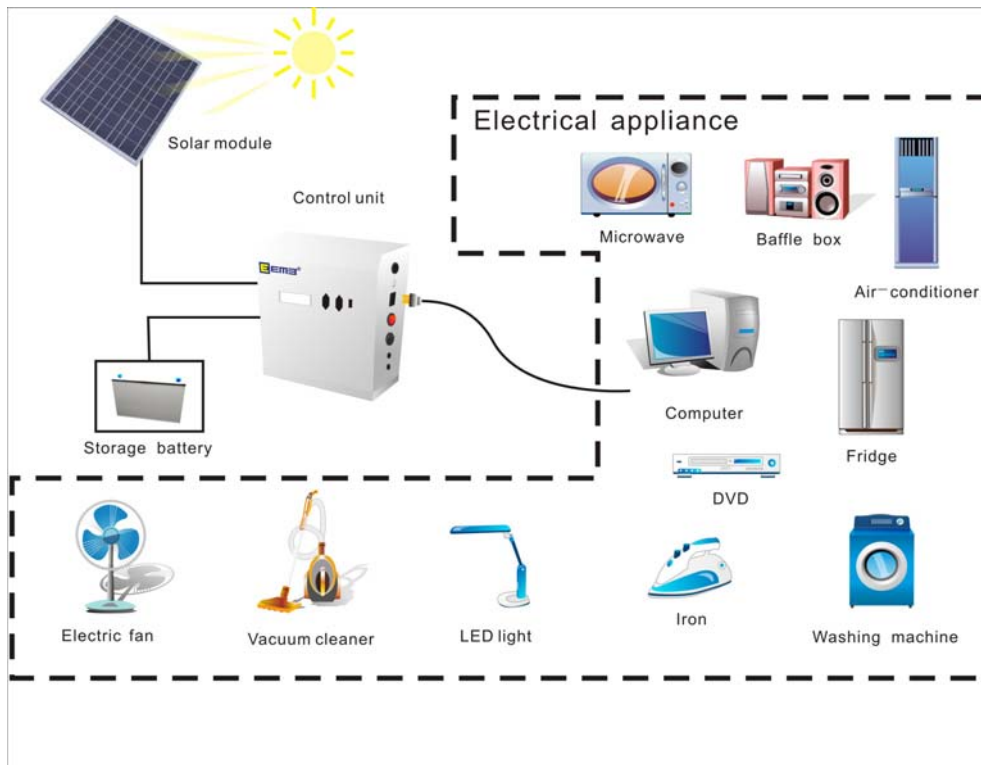
Note: The type of battery is alternative.

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	4W/12V/220V	4W	6	6	144Wh	3
TV	95W/220V	95W	1	4	380Wh	
Satellite TV set	25W/220V	25W	1	4	100Wh	
Computer	40W/220V	40W	1	4	160Wh	
Fan	60W/220V	60W	1	4	240Wh	
Water pump	200W/220V	200W	1	0.9	180Wh	
Total		444W			1204Wh	

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4. SCHEMATIC DIAGRAM



5. Photo



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