



***SOLAR HOME SYSTEM
SPECIFICATION
EEMB ET-2520***

BRIEF SPECIFICATION

Model: EEMB ET-2520

Solar panel power: 2520W

Battery voltage: 48V

Battery capacity: 800Ah

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 2520W solar home system of model EEMB ET2520.

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	ESP180	14
	Power	180W	
	Working voltage	34.4V	
	Working current	5.23A	
Battery	Type	New technology	24
		Traditional battery	
	LiFePO4 battery	Lead-acid battery	
System voltage	2V		
Capacity	800Ah		
Controller	System voltage	48V	1
	Rated current	50A	
Inverter	Model	Pure sine wave	1
	Power rating	2000W	
	Peak power	4000W	
	Output voltage	100V/240V50Hz/60Hz	
Distribution box	Materials	Steel, zincification, spraying plastics	1

Note: The type of battery is alternative.

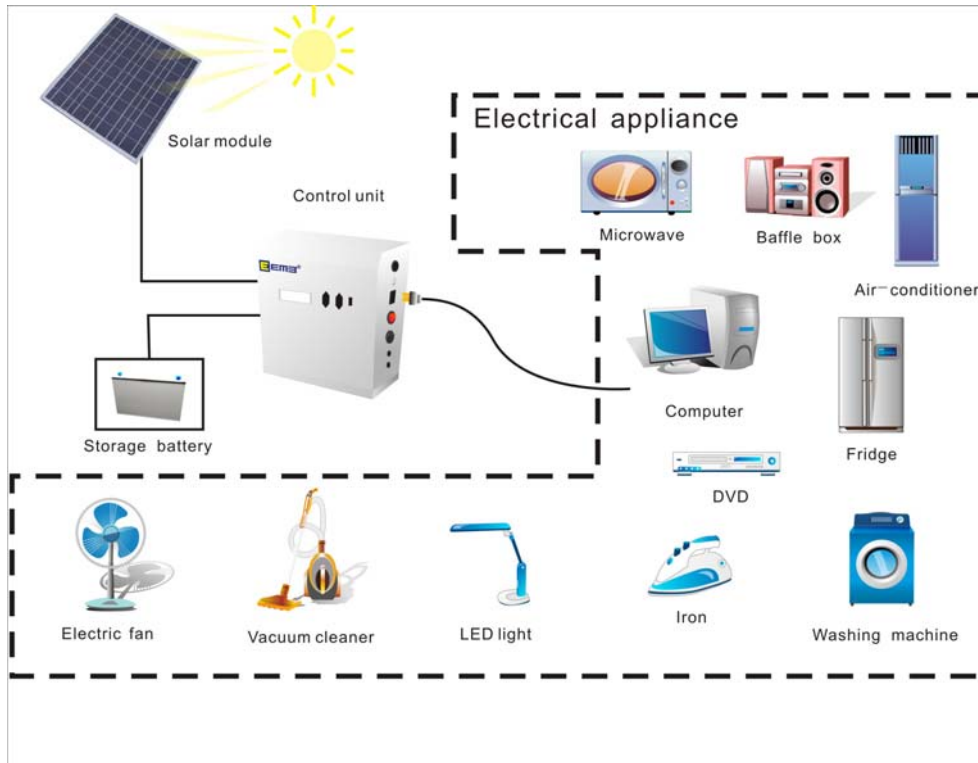
3. THE LOAD CAPABILITY OF SYSTEM(The system can satisfied the power need of the following household appliances)

Load	Specification	Power	Quantity	Working time (hours)	Daily consumption	Continuous wet days
Illumination	Energy saved lamp	11W	8	6	528Wh	3
Computer	Liquid crystal display	100W	3	10	3000Wh	
Printer	Laser	250W	1	1	250Wh	
Fax-machine	Spurt ink	150W	1	2	150Wh	
Refrigerator	150L	100W	1	24	800Wh	

Note: Any representations in this brochure concerning performance, are for informational purposes only and are not construed as warranties either expressed or implied, of future performance.

Washing machine		300W	1	1	300Wh	3
Microwave oven		1000W	1	4	4000W	
VCD Satellite TV		25W	1	8	200W	
Colored TV	21inch	95W	1	8	760Wh	
Pump		400W	1	1	100Wh	
Total		2600W			10258Wh	

4. SCHEMATIC DIAGRAM



5. Photo



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