



SOLAR HOME SYSTEM SPECIFICATION

EEMB ET-40

BRIEF SPECIFICATION

Model: EEMB ET-40

Solar panel power: 40W

Battery voltage: 12V

Battery capacity: 12Ah

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 40W solar home system of model EEMB ET-40.

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 | ESP040 | 1 |
| | Power | 40W | |
| | Working voltage | 18V | |
| | Working current | 2.23A | |
| Battery | Type | New technology | 1 |
| | | Lithium battery | |
| | System voltage | 12V | |
| Capacity | 12Ah | | |
| Controller | System voltage | 12V | 1 |
| | Rated current | 10A | |
| Inverter | Model | Pure sine wave | 1 |
| | Power rating | 100W | |
| | Peak power | 200W | |
| | Output voltage | 100V/240V50Hz/60Hz | |
| Distribution box | Materials | Steel, zincification, spraying plastics | 1 |

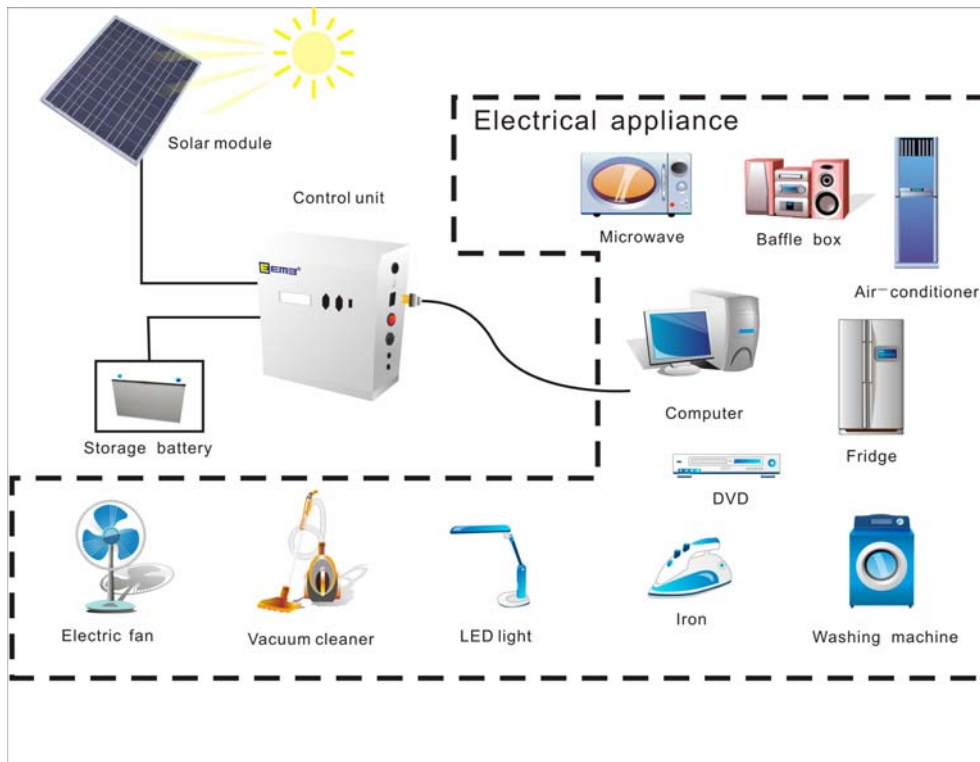
Note: The type of battery is alternative.

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

| Load | Power | Quantity | Total power | Working time (hours) | Daily consumption |
|----------------|-------|----------|-------------|----------------------|-------------------|
| LED light | 3W | 1 | 3W | 4 | 12Wh |
| Laptop | 30W | 1 | 30W | 2 | 60Wh |
| Mobile charger | 5W | 1 | 5W | 4 | 20Wh |
| TV set | 40W | 1 | 40W | 2 | 80Wh |

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4. SCHEMATIC DIAGRAM



5. Photo



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