

# P r o d u c t   C a t a l o g

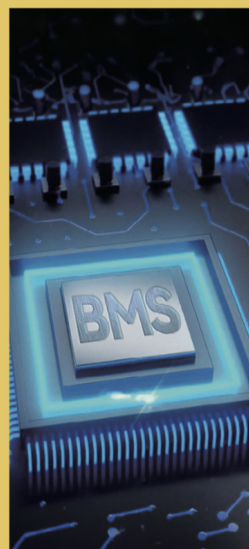
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# SOLAR HOME SYSTEMS

**144Wh**

SOLAR PANEL CHARGING  
**MODEL:030C**

## LITHIUM BATTERY SAFETY



Overload



Low Temperature



Low Voltage



Short Circuit



Over Temperature



Over Current

Experience increased safety brought by LiFePO4 battery and BMS (Battery Management System). Compared to traditional Lithium-ion cells, the LiFePO4 battery adopts possesses a natural advantage due to its remarkable thermal and chemical stability, giving you better performance and longer life cycle (2,500 cycles to 80%). While BMS is at all times monitoring and protecting your device from every potential risk.

- Powers multiple appliances like TV
- Adapted to 20w solar panel to charge the device
- LCD battery-level indicator
- One super-bright LED light with wall switch included
- Two bulbs with wall switches included(upgradeable to six lamps)
- Bulbs are linkable for extended reach
- Three USB ports to charge multiple mobile devices simultaneously
- Long-lasting rechargeable Lithium Ferro Phosphate battery
- Rugged, high-efficiency solar panel
- Maintenance-free: over 5-year product life

## SPECIFICATIONS

### BATTERY INFO

Capacity:	144Wh / 2P4S
Type:	LiFePO4 (Lithium Iron Phosphate)
Life Cycles:	2,500+ Cycles to 80% Original Capacity
Shelf-life:	Recharge to 80% Every 3-6 Months
Management System:	MPPT Controller, BMS, Over Voltage Protection, Short Circuit Protection, etc.

### OUTPUT

USB-C1 Port:	1 x 18W Max.
USB-A1/A2 Port:	2 x 5V/2.4A
DC Outlets:	7 x 12V/10A DC 5521 (5.5mm Outlets)

### INPUT

AC Charging Cable:	14.4V 1.5A
Solar Input:	25W Max, VOC 12-25V, 1.5A

### GENERAL

Weight:	3.5kg
Dimensions (LxWxD):	340x162x159mm
Operating Temperature:	14-104°F (-10-40°C)
Storage Temperature:	14-113°F (-10-45°C)

### Accessories

1*20w solar panel 18V1.11A
2*5W LED bulbs with wall switch;
1*1 to 5 mobile phone charging cable
1*14.6V1.5A adapter

## SOLAR LIGHTING SYSTEM

**GD-9001**  
12.8V rechargeable lithium battery  
Packing: 6Pcs/Ctn/0.087CBM

- ☀️ Bulbs x 4
- ☀️ 18V solar panel
- 📱 Charge mobile phone
- 🎧 Hi-Fi
- 📻 FM Radio
- ⚡ 220V Output



## SOLAR LIGHTING SYSTEM

**GDLITE1**  
three bulbs

6V rechargeable battery  
Packing: 16Pcs/Ctn/0.087CBM

- ☀️ Bulbs x 3
- ☀️ 9V solar panel
- 📱 Charge mobile phone



**GDLITE1**  
four bulbs

6V rechargeable battery  
Packing: 16Pcs/Ctn/0.11CBM

- ☀️ Bulbs x 4
- ☀️ 9V solar panel
- 📱 Charge mobile phone

**GDLITE1**  
headlamp

6V rechargeable battery  
Packing: 16Pcs/Ctn/0.11CBM

- ☀️ Bulbs x 3
- ☀️ 9V solar panel
- 📱 Charge mobile phone
- 🔦 Headlamp



Lamp

## SOLAR LIGHTING SYSTEM

**GDLITE 10**

6V rechargeable battery  
Packing: 16Pcs/Ctn/0.094CBM

- ☀️ Bulbs x 3
- ☀️ 9V solar panel
- 📱 Charge mobile phone
- 🎧 Hi-Fi
- 📻 FM Radio



Lamp



**GD-1000A**

6V rechargeable battery  
Packing: 12Pcs/Ctn/0.113CBM

- ☀️ Bulbs x 3
- ☀️ 9V solar panel
- 📱 Charge mobile phone
- 🎧 Hi-Fi
- 📻 FM Radio



Lamp

## SOLAR LIGHTING SYSTEM

**GD-8017MKII**

3.2V rechargeable lithium battery  
Packing: 18Pcs/Ctn/0.1CBM

- ☀️ Bulbs x 3
- ☀️ 6V solar panel
- 📱 Charge mobile phone



Torch+Lamp



Torch+Lamp

**GD-8017MUSIC**

3.2V rechargeable lithium battery  
Packing: 18Pcs/Ctn/0.1CBM

- ☀️ Bulbs x 3
- ☀️ 6V solar panel
- 📱 Charge mobile phone
- 🎧 Hi-Fi

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