

Mode: WT-V4C Classic



应用

- 室内照明
- 走廊庭院照明
- 露营及业务作业
- 灾难救生照明

Application

- Indoor Lighting
- Corridor court Lighting
- Camping and field operation
- Lighting disaster lifesaving

特点和性能

- 太阳能供电。
- 自动保护电路，有效的保护电池的过充与过放。
- 体积小，机构简单，易于安装
- 亮度 LED
- 自主运行时间长
- 电池可更换
- 光电感应开关
- 高质量磷酸铁锂电池

Features and Benefits

- Solar Powered
- Over charge and Over discharge protected
- Compact. Portable and durable
- High luminance LED
- Running long time after fully charged
- Replaceable battery
- Automatic photoelectric sensor switch
- Lithium ion battery with High quality

Solar LED Lanterns WT-V4C Specification

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|------------------------------------|---|
| Product Code | WT-V4C |
| Number of LED Per Lantern | SMD2835 4Pcs |
| Ingress Protection | IP43 |
| LED information: | |
| Lamp Brightness | 47lumens for high brightness 21lumens for high brightness |
| Lamp Power | 0.5W for high brightness 0.3W for high brightness |
| Lifetime of LED | LM-80 |
| Color Temperature | 5500-6500K |
| Battery Information: | |
| Battery Type | LiFePO4 |
| Battery Back Up | 3.2V 1.2AH |
| Solar Charging Time | 12-16Hrs with top solar panel under average daily insolation of 5.5KW/M ² |
| Working Time | 6-7Hrs. with high brightness; 10-13 Hrs. with high brightness |
| Packing Information: | |
| Unit Dimension | 169X85.5X130MM |
| Inner Packing Size | 115X115x105 mm |
| outer Packing Size | 600X250X340 mm / 30Pcs |
| Gross Weight Per Box | 10Kg |
| Solar Panel | |
| Solar Panel Type | 0.5W, 5.0V, 50mA (Top Solar panel) Polycrystalline Solar Panel |
| Solar Panel Dimensions | 31.2cm ² |
| Solar Panel characteristics | A stand at the back of solar panel to maintain 30 degrees facing to the Sun. |

Solar LED Lanterns WT-V4L Specification

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| <p>Deep discharge control</p> | <p>1. When the battery voltage drops below the over discharge protection voltage beyond the over discharge delay time period, discharging is inhibited by turning off the discharge control MOSFET. The default of over discharge delay time is 10ms. Inhibition of discharging is immediately released when the battery voltage becomes higher than overcharge release voltage through charging.</p> <p>In addition, deep discharge voltage is set at $3V \pm 0.05V$ to protect the battery.</p> |
| <p>Over charge protection voltage control</p> | <p>2. The charging current gradually decrease as the battery voltage is closed to 4.2V. Charging enters constant-voltage mode. Charging is terminated when the charging current drops below the programmed termination threshold.</p> <p>The charging voltage is fixed at 4.2V, and the charge current can be programmed externally by a single resistor. The charging cycle automatically terminates when the charge current drops to $1/10^{\text{th}}$ the programmed value after the final float voltage is reached.</p> <p>In addition, over charge protection voltage is set at $4.2V \pm 0.05V$ to protect the battery.</p> |

Solar LED Lanterns WT-V4C Operation Information

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| Introduce | 1. This series of lamps can be used as mobile lighting equipment, with a polycrystalline silicon solar panels and USB charging, high-quality lithium iron rechargeable batteries, energy storage can be charged by solar light, green, without any operating costs. |
| How to use | <ol style="list-style-type: none"> 1. Open the box, remove the solar lights, and remove the protective film for a solar surface. 2. Twist the bottom LED lamp shade, out of a transparent insulating tape battery positive, then install up the lampshade 3. In the better light conditions, toggle switch, objects covered with solar plate board, lit lamps 4. In poor light, the lamp can be automatically turned on. 5. The lamp battery can be replaced.Type:18650 6. The Lamp with light sense circuit, in the case of low light and switch open, the lamp will turn on automatically. In the case of enough light and the lamp required , it should use your hand or opaque object to block the solar panel. 7. Use the sunlight charge, please make sure the sunlight exposure the solar panel vertically. If across glass, it will prolong the charging time. 8. The lamp internal with the protection circuit of overcharge and over discharge Users don't be worry about sun exposure time is too long and shorten the life of battery. |
| Operation Warring | <ol style="list-style-type: none"> 1. Open the shade, not long exposed to the air. 2. Open the shade, can not be placed in the humid air or other debris scattered in the new area. 3. In rainy day, the lamp should not be placed in outdoor use. Not allow water into the fixture. 4. The other specifications of the battery cannot be used. |
| Maintenance and | <ol style="list-style-type: none"> 1. Keep solar panel surface clean 2. The solar panel surface cannot be scratched and damaged. |
| Scrap products | 1. In order to reduce pollution of the environment, please do not throw the battery, battery to a designated disposal agency or the designated bins. |