

## **Akson's 1 watt LED Lantern**



### **Features:-**

- LED Light
- Light Weight and rugged Body
- Super bright power LED lamps
- Up to 6 hours of light.
- Lead Acid battery for trouble free long life.

### **Technical Specifications:-**

#### **1. MODULE**

Rating: 6V 3Wp

Module type: Poly- Crystalline

#### **2. BATTERY**

Rating : 6V/ 4.5Ah, Lead Acid Battery

Type : SMF [Sealed maintenance free type]

#### **3. LAMP**

Rating/type: 1W LED

Lumen output: 100 Lumens  $\pm$  5 % prior to 1000 cycles and  $\pm$  10% after 1000 cycles.

#### **4. MOBILE CHARGING SOCKET**

Output – 4.5 Volt/ 700mA

Provided with universal mobile cable for charging

#### **ELECTRONICS**

Lamp Preheating: Provided

PCB Installation: Solder Free

Frequency : 20 – 35 KHz

Efficiency : > 80%

No load current : < 1 mA

Battery low cutoff voltage: 5.2V

Load reconnects voltage: 6.6V

#### **1. INDICATORS**

Charging Indication: Green

Battery low Indication: Red

#### **2. PROTECTION :**

No Load Protection, Short Circuit Protection, Reverse polarity, Reverse flow, Low Voltage

Cut Off at 5.1V at 27° C, Load Reconnect, Over charge cut off 8.3V at 27° C, Over discharging, Module Reconnect.

**LAMP MOUNTING CONFIGUARATION:** Base Up

**USAGE DURATION:** Up to 6 hours on full Charge

**WEIGHT:** 1.2 Kg