

Mobiya Original

Supports lighting and mobile charging needs



Mobiya Original is a robust solar lantern that will provide you with safe, reliable and clean energy for lighting and USB charging needs.

Its innovative design makes it effective and also human-centric:

- Made of recyclable materials which contribute to reducing your carbon footprint
- Integrated LED technology that lasts longer and enhances your well-being
- Easily replaceable Lithium Ferro Phosphate (LFP) battery can be charged easily from a solar panel or 5 V USB port
- Multiple mounting options are provided for your lighting requirements

In short, Mobiya Original is good for you and for the planet.

Benefits

- Easy battery replacement without opening the lamp
- Battery-life indicator to alert battery replacement
- Uses recycled ABS & PC plastic material*
- Uses recycled packaging material
- Human centric LED for lesser stress on the eye
- Water and drop resistant
- Power saver mode for extended lighting hours
- Turbo mode to deliver 300 lumens
- SOS option to indicate emergency situation
- Tracks the optimal solar panel mounting angle



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* Acrylonitrile Butadiene Styrene (ABS) - 100%, Polycarbonate (PC) - 90%.



Product specifications

Commercial reference number	AEP-LR01-S2000
	
Solar panel	Vmp: 4.5 V, Power: 2.5 Wp, with 4 m cable
Maximum light output	300 lumens
Maximum LED power output	2.2 W
Battery: Type and size	3.2 V, 3.4 Ah Lithium Ferro Phosphate, 2000 cycles
Solar input voltage	4.5 V (± 10%)
Mobile phone charging port	5 V, 550 mA
Cable Accessory	USB charging cable (for mobiya charging only)
LED Indication	Battery Status, Battery Low and Battery charging
IP degree of protection	IP65
Operating temperature	-10 to 50 °C
Dimension of the lamp in mm (L x B x H)	158.2 x 152 x 141.7
Dimension of the solar panel in mm (L x B x H)	182 x 140 x 17
Net weight in kg (without packaging)	0.8 kg
Gross weight in kg (with packaging)	1.0 kg
Certification	VeraSol, SONCAP, IP65, LM79, LM80, CE and SABS (IEC Report)

