

# Solar LED Lantern

EverLite

EverLite series of Solar LED Lantern from Ammini uses sunlight to power a bright LED cluster that provides light up to 12 hrs on a fully charged battery. Lantern features a Solar PV Module, a rechargeable battery and a bright Power LED Cluster to produce pure white light with 360 degree light coverage, without any glare to eyes.

## Features

- Uses non polluting, inexhaustible energy from the Sun
- Omni-directional pure white light
- Adequate protections and indications
- Rugged and attractive body made of ABS plastic
- UV stabilized acrylic light diffuser
- With SMF & LiFePO4 Batteries
- USB Mobile Charging Port (optional)
- FM Radio (optional)

## Compliance & certifications

- Manufactured at a ISO 9001:2015 certified facility
- Tested at NABL Approved Labs

## Specification



General		EverLite 5W		EverLite 7W	
Models					
Application		Portable indoor light source			
Daily operation / Autonomy		Average 4 hours / 3 days		Average 3 hours / 3 days	
Light coverage		360 Degree			
LED fixing		Top Mounted, down facing			

System Components				
PV Module @ 16.4V STC	12V 10Wp	12V 12Wp	12V 15Wp	12V 15Wp
Battery	12V 7Ah SMF Lead Acid	12.8V 6.6Ah LiFePO4	12.8V 6.6Ah LiFePO4	12.8V 6.6Ah LiFePO4
Rated Power	5W	5W	5W	7W

Electrical / Mechanical / Accessories				
LED Driver	Boost Converter, Efficiency >92%			
Solar Charge Controller	Series two step, PWM operation, Efficiency > 95%, Idle current < 6mA			
Display / Indications	Battery Low warning, Battery Low disconnect, Battery charging, Battery Full charge			
Load side protection	No load protection, Short circuit protection, Reverse polarity protection			
Battery side protection	Reverse Polarity, Over charging, Deep discharging, Battery Temperature Compensation			
PV Module side protection	Reverse polarity, Reverse current flow to PV Module during night			
Body	Engineering Plastic ABS			
Diffuser	Non Yellowing Acrylic			
Other Accessories	Mobile charging (opt)	Mobile Charging	Mobile Charging	Mobile Charging
Connecting Cable	8 mtr	10 mtr	10 mtr	10 mtr
<b>Shipping</b>				
Gross Weight	4.75Kg(Approx)	3.5Kg(Approx)	4.5Kg(Approx)	4.5Kg(Approx)

## Ordering Information

Model	Order Code	Product Description
EverLite 5W	LSN-05102A	Solar Lantern LED, 12V DC, PV Module 10Wp, LED 5W, Battery 12V 7Ah SMF, with MC, 1 Sqmm 8 Mtr Cable
EverLite 5W	LSN-05102B	Solar Lantern LED, 12V DC, PV Module 10Wp, LED 5W, Battery 12V 7Ah SMF, w/o MC, 1 Sqmm 8 Mtr Cable
EverLite 5W	LSN-05125A	Solar Lantern LED, 12.8V DC, PV Module 12Wp, LED 5W, Battery 12.8V 6.6Ah LPF, with MC, 1 Sqmm 10 Mtr Cable
EverLite 7W	LSN-07155A	Solar Lantern LED, 12.8V DC, PV Module 15Wp, LED 7W, Battery 12.8V 6.6Ah LPF, with MC, 1 Sqmm 10 Mtr Cable

### For Information

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### For Purchase & Enquiry

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