

## Solar Lamp Type A

### Overview

Solar Lamp Type A

Item code

4500000042



## Key Points

- AQL is considered a "live" document. IOM staff users of this AQL document must check SharePoint that they have the latest version.

## Description

### Specifications for Solar Lamp Type A

<b>Solar Panel Power</b>	Min 1.7W
<b>Full Battery Charge</b>	4-6 hrs in direct sunlight
<b>Battery Replaceable</b>	Yes
<b>Battery Lifespan</b>	5 years, 2000 complete charge cycles
<b>Working Temperature</b>	0-40°C
<b>Capacity</b>	Min: 4.5 Whrs
<b>Light Output</b>	100 lumen of light
<b>Output</b>	Up to 80 hours of the lowest light from one charge
<b>Sockets</b>	One for mobile phone charging with multiple adapters
<b>Casing</b>	Robust and easy to use. Designed to meet IP 64 as minimum
<b>Packaging</b>	Packaged in robust boxes for simple packing and to safeguard the product against expected damages during transit
<b>Documentation</b>	Battery certifications as safe for air transportation Global Off-Grid Lighting Association (GOGLA) certificate

All IOM Non-Food Items (NFIs) have been designed, manufactured, and packaged for distribution ensuring minimal impacts on the environment. Through rigorous Quality Assurance processes along with risk and life cycle assessments, NFIs are evaluated holistically throughout their entire life cycle on their impact on the environment and for improved durability to enable reaching beyond their intended service life, hence reducing the need for frequent replacements. IOM NFIs can be recycled and further re-purposed or upcycled to suit multiple uses such as converting to different usage like handbags, car covers, recycled wastewater collection etc.

All unnecessary sub-packaging made of single-use plastics are avoided. When sub-packaging is exceedingly necessary, IOM prefers 100% compostable bio-plastic packaging made from biomass or unbleached, natural-coloured, recycled paper or using paper with FSC forest management certification.

## References and Tools

- [Solar Lamp AQL](#)

## Other Entries in this Topic

- [Emergency Relief Items Catalogue](#)

## Contacts

For further information, contact [sheltersupport@iom.int](mailto:sheltersupport@iom.int).

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