

# HIGHLIGHT ML-GL-U



The SolarPath HIGHLIGHT ML-GL-U™ is the premier LED solar illumination technology in its class today. Ultra-bright/High Intensity LED lighting means a total lighting solution for any need. This product has both a solar engine and a flood light. The ML-GL-U's battery and control is attached to solar panel which allows this product to be used for field, sign, warehouses, roofs, ground and on walls.

## Key features:

- Low installation and maintenance costs.
- Replaceable Battery.
- IP65 Rating.
- High performance 1W LEDs with 150lm/w.
- Light dimming engine.
- Led's operating life time over 100,000 hours at maximum output.
- PTC Auto-heating system.
- LED strings shunt protection.
- Ideal for solar or energy saving electrical applications.
- Aluminum housing for efficient heat dissipation

## Uses and Applications Guide

Warehouse	●
Tents	●
Boardwalks	●
Monuments	●
Signs	●
Gardens	●



## Technical specifications

Solar Module Parameters	Type	Monocrystalline Silicon
	Power	Up to 75W
Solar Charge Controller Parameters	Type	MPPT
Battery Parameters	Type	Li-ion
	Capacity	Up to 60AH
LED Light Parameters	Light Source Power	Up to 5W each
	Lamp Rated Total Luminous Flux	Up to 750lm (each)
	Luminous Efficacy	150lm/w
	Input Voltage	DC24V
	CCT (Correlated Color Temperature)	3,000K-6,000K
	Color Rendering Index (CRI)	≥82
Operation profiles	Programmable, depend on solar radiation.	
Lighting Material	Die-casting Aluminum + Stainless steel	



## Ordering Guide: EXAMPLE: HIGHLIGHT ML-GL-U-45W-12W-A-3-1-30K -18AH-BLK-PTC-GM

Model	Solar Panel	LED Power	LED Qty.	Distribution type	LED Color Temp	Battery Options	Body Color	Options
HIGHLIGHT-ML-GL-U	35W	2W	A- 1 pc	1- Type I	30K	18AH	BLK- Black	PTC-Auto-heating system
	45W	5W	B- 2 pcs		40K	25AH		GSM- Ground spike mounting
	60W		C- 3 pcs		50K	30AH		GUM- Ground U mounting
	75W				60K	45AH		PM-Pole mounting
						60AH		



\*Up on request.

Legal Clarification: All technical information and/or products listings and/or technical support, and/or any kind of graphics, illustrations and/or instructions and/or the names, trade names, trademarks, trade symbols, service marks, logos, icons and trade dress of SolarPath Inc or in connection to SolarPath Inc or any of its selling products, contained herein is in the exclusive ownership of SolarPath Inc and may not be altered and/or used in any manner including but not limited to copy of some or all of the said material by users and/or viewers or any third party for that matter of this document and the website to which it is linked without the express prior written permission of SolarPath Inc. Furthermore, redistribution or any kind of commercial use or alteration or any kind of use other than downloading presented information in some or all contents of downloadable documents, and/or downloadable contents, is strictly prohibited without express written prior permission. All information set out herein is subject to changes as may occur from time to time. SolarPath Inc is not responsible for, and cannot guarantee and shall not be held liable for any information or the accuracy of such in websites that it does not manage.