

# 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 12W each
	Lamp Rated Total Luminous Flux	Up to 1,600lm(each)
	Luminous Efficacy	135lm/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	45W	12W	A- 1 pc	1- Type I	30K	18AH	BLK- Black	PTC-Auto-heating system
	60W		B- 2 pcs		40K	25AH		GSM- Ground spike mounting
	75W		C- 3 pcs		50K	30AH		GUM- Ground U mounting
					60K	45AH		
					60AH			



\*Up on request.

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