



Solar  
Lighting™



# CUBE LED Solar Area Light

CUBE LED Solar Area Light is a compact, all-in-one solar fixture designed for reliable area and pathway illumination. Its integrated solar panel, battery, and high-efficiency LED deliver consistent light output without trenching or grid power, making it a practical solution for parks, walkways, parking areas, and perimeter lighting where simplicity, durability, and energy independence matter.



**NO ELECTRIC BILLS**



**EASY INSTALLATION**



**RELIABLE LIGHTING ANYTIME**



**LOW MAINTENANCE**



**VERSATILE APPLICATIONS**



**SUSTAINABLE**

All technical specifications and datas are subject to modification at any time and without notice.  
Contact us for the most up-to-date information or visit [www.360solarlighting.com](http://www.360solarlighting.com)  
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Solar Lighting™

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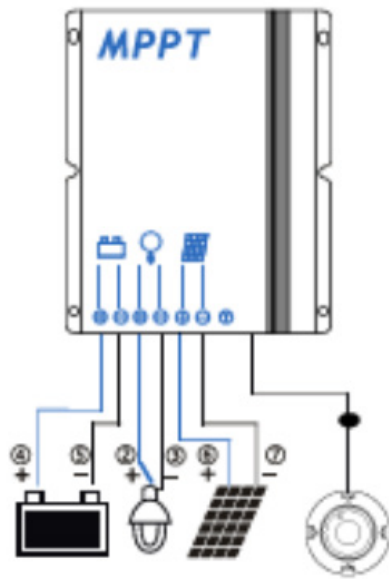
## MARS S Solar Module – Specification

Parameters		
Model Number	DV-CUBE-M	DV-CUBE-L
Height	9.19–11.48 ft	11.48–16.40 ft
Mounting	Direct bury, base plate mount	
Light Module		
LED Chips	Philips	
Power Consumption	Factory Set 16W (1–16W adjustable at site)	Factory Set 40W (1–40W adjustable at site)
Output	150–170LM/W	
Light Distribution	T5	
Color Temperature (CCT)	2700K–6500K	
Runtime	STD–4 Step Dimming	
Materials		
Body / Lens	Aluminum 6063	
Finish	Black / Silver	
Protection	IP65, IK10	
Operating Temp	–13 °F – 113 °F	
Warranty	5–10 years	
Battery		
Capacity	12.8V 24Ah LiFePo4	12.8V 42Ah LiFePo4
Cycles	3000	
Solar Module		
Watt (Pmax)	13W×4 / 13W×5 Mono crystalline	32W×4 / 32W×5 Mono crystalline
Lifetime	25 years	



**Specifications subject to site conditions and engineering requirements.**

## Solar Charge Controller



- Innovative MPPT Power Point Tracking Technology – Tracking efficiency >99%
- Automatic System Voltage Recognition – Supports 12V and 24V systems
- Full Digital Control – High charge and discharge conversion efficiency up to 96%
- Motion Detection Dimming – Adaptive light output based on pedestrian motion
- Precision Constant Current Control – Supports output from 50mA up to 3000mA
- External Temperature Sensor – Improves system stability and battery protection
- 5-Step Dimming Control – Programmable from 0% to 100% output levels
- IP67 Aluminum Housing – Strong, durable, and weather-resistant enclosure
- Remote Control Operation – Allows wireless system adjustments
- Low Voltage Disconnect (LVD) & Reconnect (LVR) – Protects battery life and system longevity
- Fully Automated Electronic Protection – Safeguards against overcharge, over-discharge, and system faults