

MARS LED Solar Area Light

Mars ECO solar area light combines sleek design with advanced functionality. The customizable height suits various lighting needs and applications, providing flexible lighting solutions for different areas.



NO ELECTRIC BILLS



EASY INSTALLATION



RELIABLE LIGHTING ANYTIME



LOW MAINTENANCE



VERSATILE APPLICATIONS



SUSTAINABLE



MARS LED Solar Area Light

Module Options



MARS S Solar Module – Specification

Parameters		
Model Number	DV-MARS-S (30/35 W)	DV-MARS-S (40/45/50 W)
Height (in)	118.1 / 137.8	157.5 / 177.2 / 196.9
Mounting	Direct bury, base plate mount	
Light Module		
LED Chips	Philips	
Power Consumption	Factory set 30W (1-30 adjustable)	Factory set 60W (1-60W adjustable)
Output	170 lm/W	160 lm/W
Light Distribution	T2 T5	
Color Temperature (CCT)	3000K / 4000K / 5000K	
Runtime	STD-4 Step Dimming	
Materials		
Body / Lens	Aluminum 6063 housing, Glass lens	
Finish	Bronze / Black / Wood Grain / Custom	
Protection	IP65, IK10	
Operating Temp	-13 °F – 113 °F	
Warranty	10 years	
Battery		
Capacity	12.8V 42Ah LifePo4	25.6V 42Ah LifePo4
Cycles	3000	
Solar Module		
Watt (Pmax)	35Wx4 Mono crystalline	70Wx4 Mono crystalline
Lifetime	25 years	



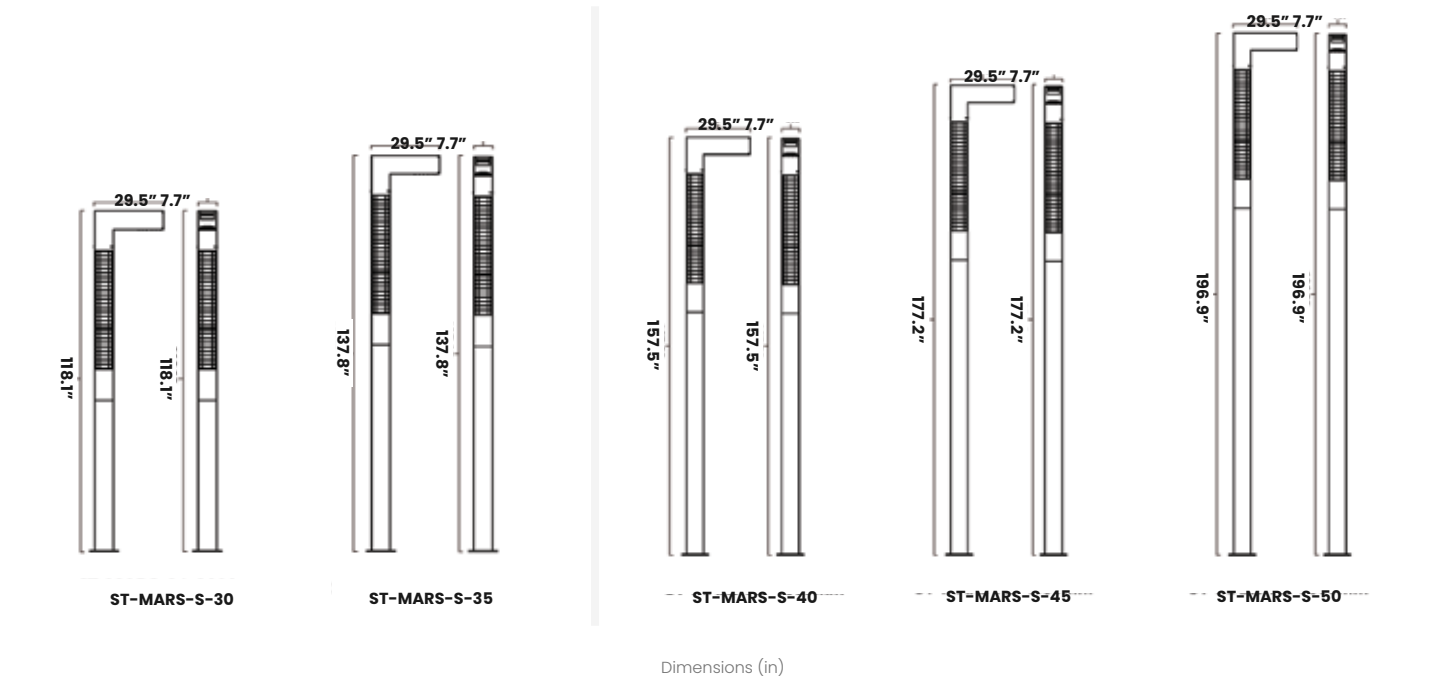
DV-MARS-S (30/35)



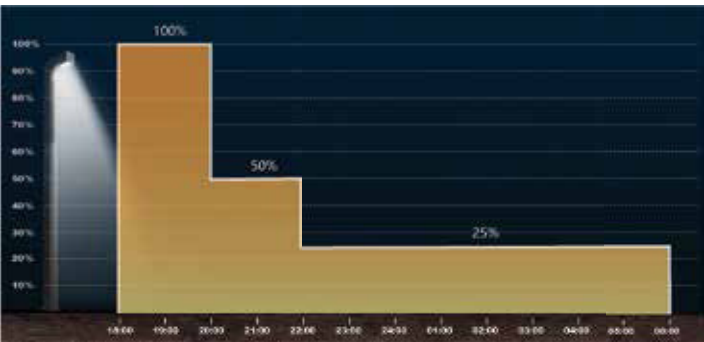
DV-MARS-S (40/45/50)

Specifications subject to site conditions and engineering requirements.

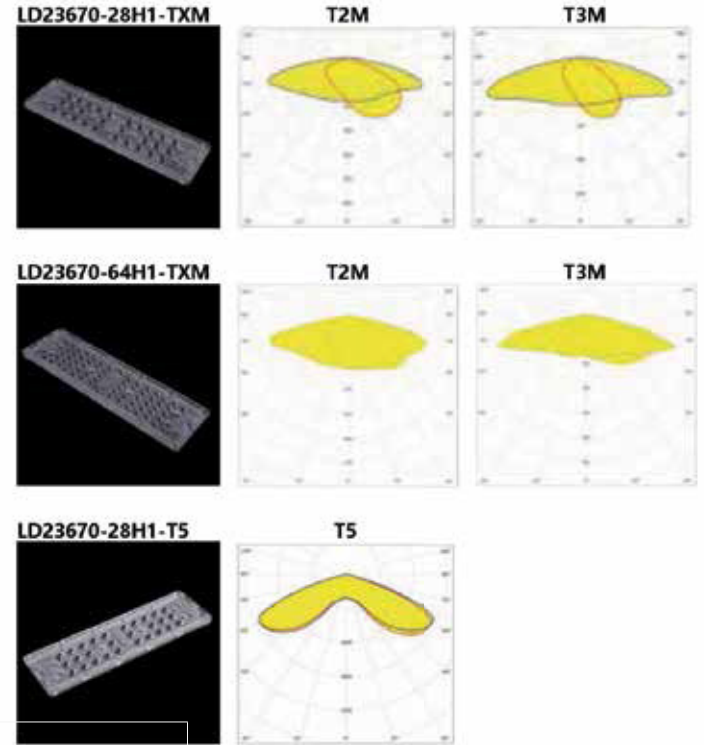
Dimensions



Factory Set Schedule



Lighting Distribution



MARS DD Solar Module – Specification

Parameters		
Model Number	DV-MARS-DD	DV-MARS-DS
Height (in)	157.5 / 177.2 / 196.9	
Mounting	Direct bury, base plate mount	
Light Module		
LED Chips	Philips	
Power Consumption	Factory set 60W x2 (1-60 adjustable)	Factory set 60W / 30W (1-60W adjustable)
Output	160 lm/W	160-170 lm/W
Light Distribution	T2 T5	
Color Temperature (CCT)	3000K / 4000K / 5000K	
Runtime	STD-4 Step Dimming	
Materials		
Body / Lens	Aluminum 6063 housing, Glass lens	
Finish	Bronze / Black / Wood Grain / Custom	
Protection	IP65, IK10	
Operating Temp	-13 °F – 113 °F	
Warranty	10 years	
Battery		
Capacity	25.6V 42Ah LifePo4	
Cycles	2000	
Solar Module		
Watt (Pmax)	70Wx8 Mono crystalline	70Wx4 & 35Wx4
Lifetime	25 years	



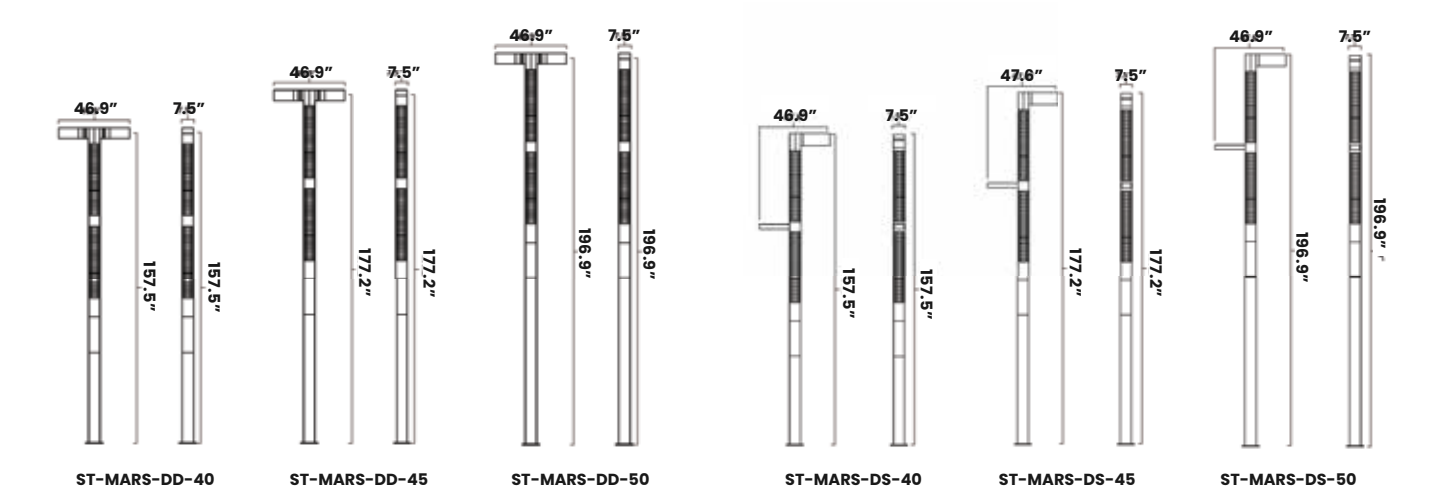
DV-MARS-DD



DV-MARS-DS

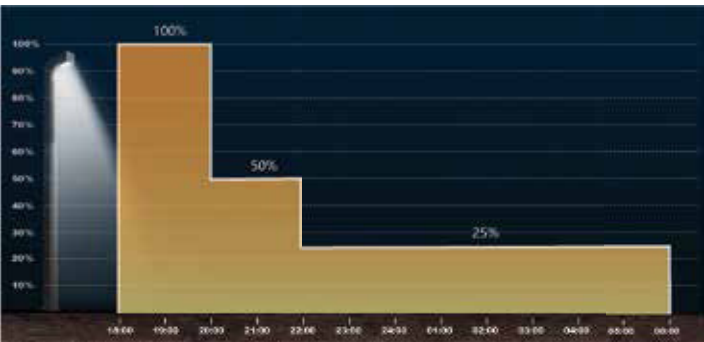
Specifications subject to site conditions and engineering requirements.

Dimensions

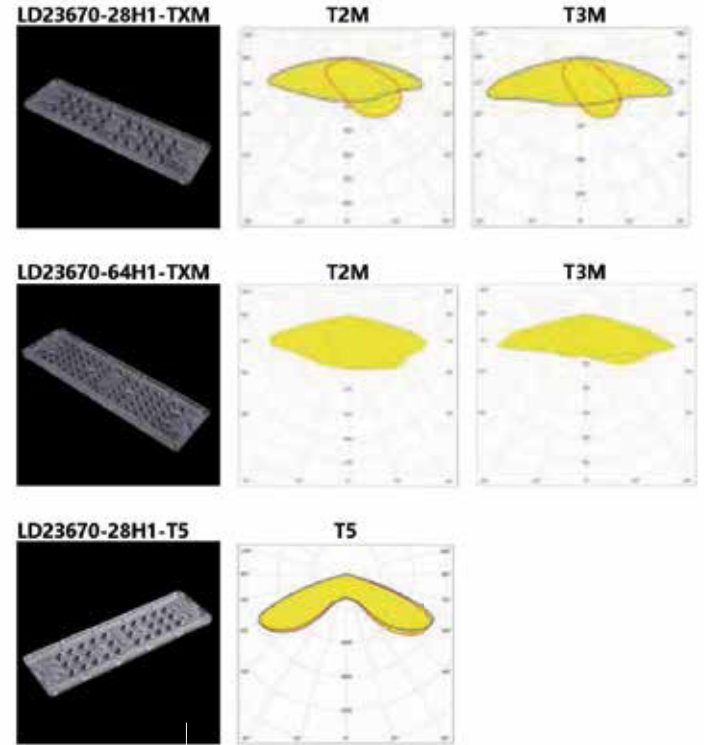


Dimensions (in)

Factory Set Schedule



Lighting Distribution



MARS ECO Module – Specification

Parameters	
Model Number	DV-MARS-ECO
Height (in)	118.1 – 393.7
Mounting	Base plate mount
Light Module	
LED Chips	CREE / OSRAM / Nichia / SEOUL
Power Consumption	15W-200W
Output	150-170 lm/W
Light Distribution	T2 T5
Color Temperature (CCT)	2700K-6500K
Runtime	STD-4 Step Dimming
Materials	
Body / Lens	Q235
Finish	Black / Silver / Custom
Protection	IP65, IK08
Operating Temp	5 °F – 122 °F
Warranty	5-10 years
Battery	
Capacity	12.8V 42Ah / 25.6V 42Ah
Type	LifePo4 Passive Cell balancing technology Individual cell monitoring / Deeper discharge cycles
Cycles	3000
Solar Module	
Watt (Pmax)	60W-400W Mono crystalline



Specifications subject to site conditions and engineering requirements.

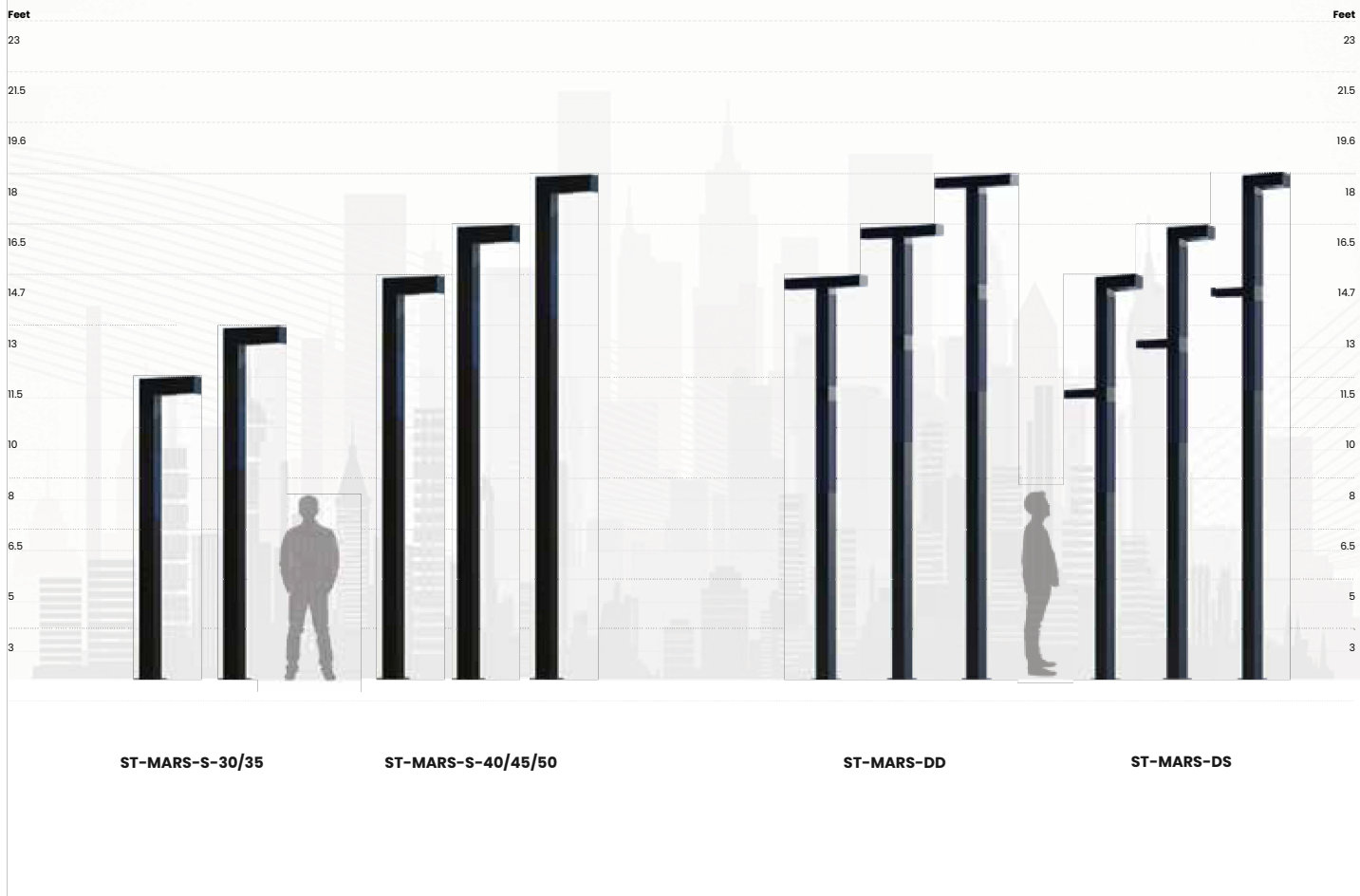
All technical specifications and datas are subject to modification at any time and without notice.
Contact us for the most up-to-date information or visit www.360solarlighting.com
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Solar Lighting™

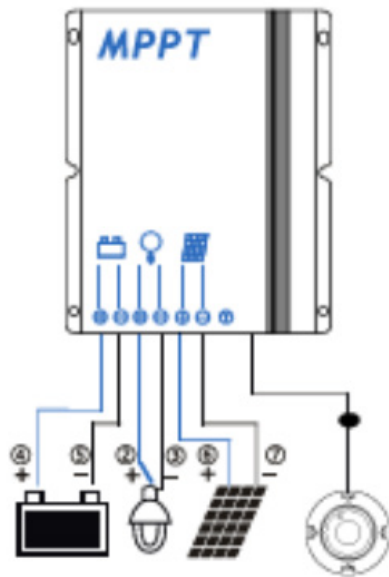
a DUVON Company

Module Size Guide



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

Specifications subject to site conditions and engineering requirements.