

# GALAXIA All-in-One LED Solar Street Light

The Galaxia All-in-One combines sleek design options with advanced functionality. With its customizable height, the Galaxia LED solar series are ideal for roads, parks, parking lots, and more. Perfect for enhancing outdoor spaces with sustainable, efficient, and reliable lighting solutions.



**NO ELECTRIC BILLS**



**EASY INSTALLATION**



**RELIABLE LIGHTING ANYTIME**



**LOW MAINTENANCE**



**VERSATILE APPLICATIONS**



**SUSTAINABLE**

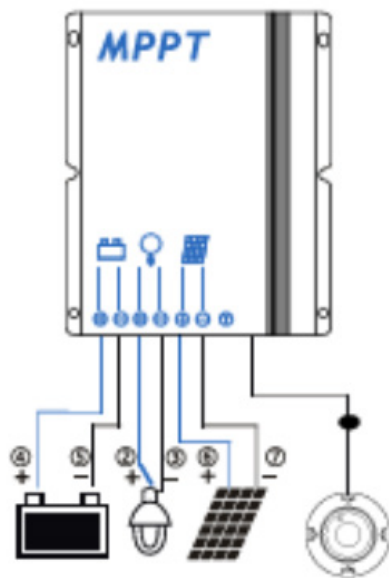
## GALAXIA All-in-One LED Solar Street Light – Specification (Standards)

Specification						
Model Number	DV-GALAXIA-SS-20	DV-GALAXIA-SS-30	DV-GALAXIA-SS-40	DV-GALAXIA-DD-50	DV-GALAXIA-DD-60	DV-GALAXIA-DD-100
Height (ft)	14' - 24'					
System Module						
Fixture Material	Aluminum 6063					
System Color	Black / Dark Grey / Custom					
IP&IK Protection	IP65, IK08					
Operating Temp	5°F ~ 122°F					
Mounting Options	Direct bury / Anchor Bolts					
LED Light						
Power Consumption	20W	30W	40W	50W	60W	100W
Chips	Philips					
Output	180-200lm/W					
Light Distribution	T2 T3 T4					
CCT	2700K-6500K					
Runtime	STD-4 Step Dimming					
Dimensions (in)	15.08" × 13.54" × 2.66"	19.84" × 13.54" × 2.66"	22.44" × 13.54" × 2.66"	27.17" × 13.54" × 2.66"	40.55" × 13.54" × 2.66"	44.88" × 13.54" × 2.66"
Warranty	10 Years					
Battery						
Type	LiFePO4					
Capacity	12.8V 15Ah	12.8V 20Ah	12.8V 24h	12.8V 30Ah	12.8V 45Ah	12.8V 50Ah
Warranty	3,000 Cycles					
Solar Module						
Watt (Pmax)	30W	40W	90W	60W	90W	100W
Optional	Stainless steel bird spikes					
Warranty	20 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