



# SOLAR STREET LIGHT

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## TECHNICAL SPECIFICATIONS

Luminary	5/7W LED Luminary	9/12W LED Luminary	12/15W LED Luminary	18/24W LED Luminary
Recommended Solar Panel (Green Solar)	60 Watt	75 Watt	100 Watt	150 Watt
Battery Type	Tubular Lead Acid 26Ah	Tubular Lead Acid 40Ah	Tubular Lead Acid 75Ah	Tubular Lead Acid 100Ah
Dimmability	33% Dimming as per MNRE specification OR it can be changed as per customer requirement.			
Battery Voltage @ C10	12V	12V	12V	12V
Charge Controller Type	PWM/MPPT			
Load & Charging Efficiency	<90%			
Lumens/Wp	120-130 Lumens/Wp			
LED Temperature	5500° K-6500° K			
Pole and fixtures	15 feet pole with fixture and hardware			
Electrical fitting items	as standard			
<b>NOTE</b>				
<ul style="list-style-type: none"> <li>• 30w, 40w &amp; high mast solar street light as per demand</li> <li>• For Lithium Battery Operation, Light will glow in full bright mode for first 4Hrs, after 4Hrs Light will Dim to 33% power for rest Hrs.</li> <li>• Lithium Battery Capacity as per Demand Li-ion 11.1V/6.6AH - 15.4AH</li> </ul>				

### Application & Operation with High Efficiency

Solar Street Light with Dusk & Dawn automation • Outdoor application with boost converter with constant current & constant Voltage • high sensitive indication in battery low & battery over voltage • all protection required for load and battery side i.e. short circuit protection • Reverse polarity protection.

**Green Solar**  
energy of the future

### Matri Shree Techno Industries

Premium PV Module Manufacturer

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