

TRUELY, Anywhere. Everywhere. SOLAR LIGHTING SYSTEMS

SOLAR LED STREET LIGHT

This is one of the best of Solar Photovoltaic technology. Solar outdoor light can be used anywhere, you only need sunlight for their operation. These are self contained, sand alone system, ready to install and operate. This system is an ideal application for campus, residential street, highways, villages, driveways, parking lots, etc.

- ✓ Standalone self-contained system.
- ✓ Integrated design.
- ✓ Uses freely available sunlight.
- ✓ Requires no grid power - NO power bill.
- ✓ Require no trenching or cabling.
- ✓ Minimum operation and maintenance cost.
- ✓ Performance life more than 5 years.
- ✓ Weatherproof outdoor luminary.
- ✓ Energy efficient LED.
- ✓ 12-16 hours power backup for non-sunny days. (Autonomy)
- ✓ Automatic switch ON/OFF.
- ✓ Faster return on your investment.




Model	Light Wattage	Battery (LiFePO4)	*Module
R-121250	12 Watt	12Ah /12.8 V	50 Wp
R-151250	15 Watt	12Ah /12.8 V	50 Wp
R-181875	18 Watt	18Ah / 12.8 V	75 Wp
R-201875	20 Watt	18Ah / 12.8 V	75 Wp
R-241875	24 Watt	18Ah / 12.8 V	75 Wp
R-2424100	24 Watt	24Ah / 12.8 V	100 Wp
R-3024100	30 Watt	24Ah / 12.8 V	100 Wp
R-3030150	30 Watt	30Ah / 12.8 V	150 Wp
R-4036150	40 Watt	36Ah / 12.8 V	150 Wp

OPERATION


 **5 Hrs**
Full bright mode

 **40%**
Dimming

PROTECTION

 Battery Deep Discharge

 Over Charge

 Short Circuit

 Reverse Current

 Reverse Polarity

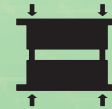
LED INDICATION

 Battery Charging


 Battery Full

 Low Battery

 - Available
DUSK TO DAWN


 **Pressure Die cast Aluminium Alloy**
HOUSING MATERIAL

 **IP65**
IP Rating


 **LiFePo4**
Battery Type

 **PWM/MPPT**
Charge Controller Type


>90% Charge Controller Efficiency icon" data-bbox="630 621 700 671"/> **>90%**
Charge Controller Efficiency

 **>120LM**
Luminous Flux

 **Optional**
Motion Sensor

 **5500K- 6500K**
CCT

 **5-6 Mtr**
Recommended Height of Pole

 **OD 42 mm**
Recommended Luminary Arm

 **ROYCO**TM
In u s t h e y T R U S T

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