



RITIKA
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SEMI INTEGRATED SOLAR STREET LIGHT



STAND ALONE SEMI INTEGRATED SOLAR STREETLIGHT

“RSPL Semi Integrated Solar Street Lights” are best suited for discrete solar lighting for villages , society complexes, street lighting, boundary lighting etc.

These are constituted of high Lumen , Power LEDs and Lithium Iron Phosphate battery packs in one compact aluminium die cast fixture. Our Solar Panel is mounted on the top of the pole with varying degrees of Tilt available

These are very easy to install and maintain and are extremely robust in operation Key Features –

- Ø Aluminium die cast housing
- Ø IP65 rated fixture
- Ø Inbuilt Battery capacity upto 12.8V/12/18/20/24/30Ah or as needed
- Ø MPPT driver efficiency >92
- Ø Option of PIR moon sensor, CCTV Camera & Remote Monitoring System if need be

PRODUCT TECHNICAL SPECIFICATIONS

LED Wattage (W)	Panel Wattage (W)	System Voltage (V)	LiFePO4 Battery Capacity (Ah)
7	40	12	12
9	50	12	18
12	60	12	24
15	75	12	30
18	75	12	40
20	90	12	50
24	90	12	50
30	100	12	60

SALIENT FEATURES

Constant current type LED driver | Adequate protection against open circuit, short circuit and reverse polarity | LED indication [Load disconnect Red LED and Charging in progress Green LED] | Connection/Points for module and battery connection | Solder free installation | No load, short circuit, battery deep discharge, battery overcharge and reverse polarity protection | Blocking diode to prevent reverse flow of current from battery to module | Very low idle power consumption < 20 mA for standard models





Solar Home Lighting Systems

Our Products



Solar Grid Inverters



Solar Lanterns



Solar PCUs



Solar CC's and Interfaces

For any further details or references, we may be reached at the contact information below.

Ritika Systems Private Limited

Corporate Office:

C-22/18 Sector-57
Noida, UP, India-201301
Tel: +91 0120 4298981

Factory 1:

G-166 RIICO Industrial Area Phase -II
Neemrana - 301705, Rajasthan India

Factory 2:

Plot No 17, Sector 15, IMT Bawal Phase- II, Bawal - 123501, Haryana India

info@ritikasystems.in | www.ritikasystems.in

Solar Panels | Grid Inverters | BOS | Turnkey EPC | Project Management

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