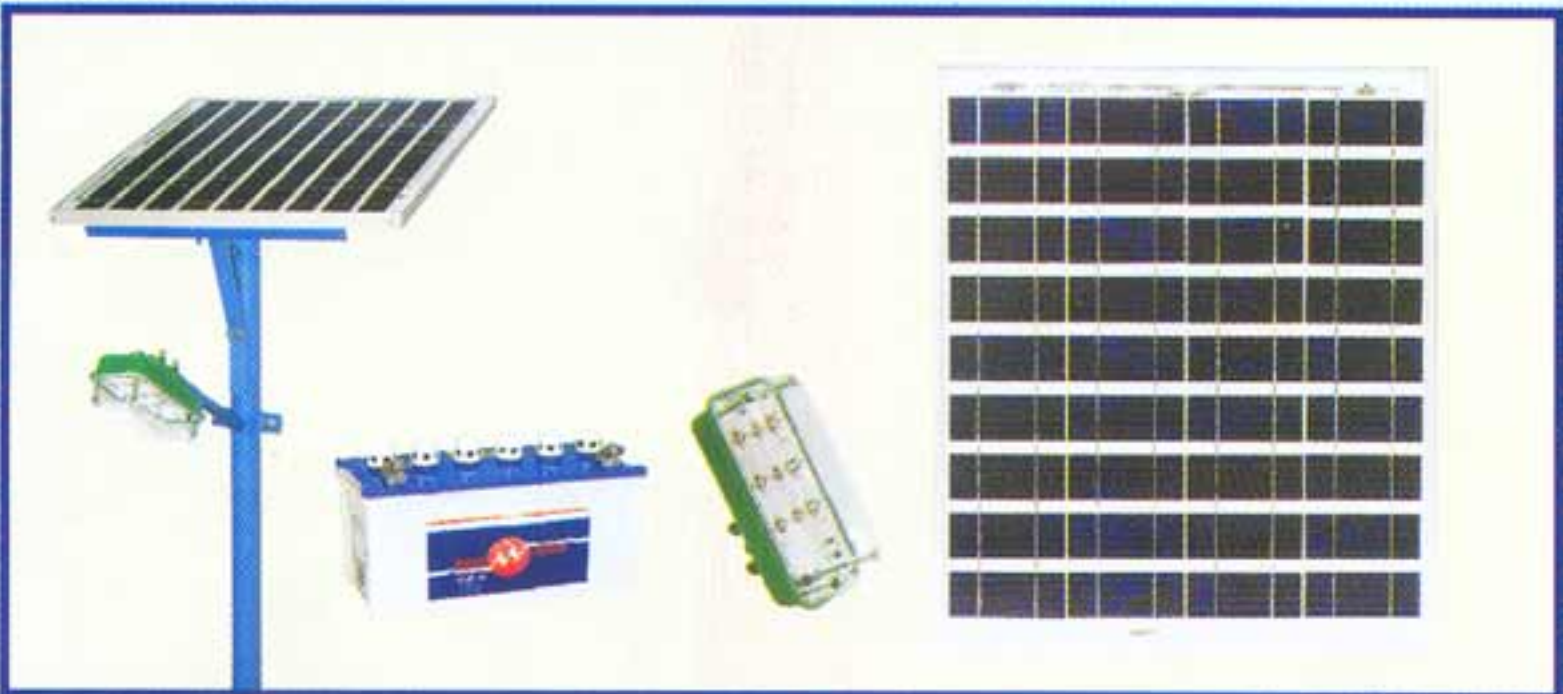


RITIKA SYSTEMS

Solar Power Generating Systems

LED BASED SYSTEMS



RITIKA SYSTEMS offer a wide range of Solar LED PV Street Lighting Systems with standard and custom built versions. The standard model generally conforms to MNRE specifications

General Specifications

Systems Voltage	12 V DC
Solar PV Module of 37 Wp	1 No.
12 V 40 Ah at C / 10 rate lead acid battery	1 No.
6/9 W LED Luminaire	1 No.
Battery Box	1 No.
Nuts / Bolt / Hardware / Cable	1 Set
Pole (5m) Painted / GI	1 No.

Models	LED wattage (approx.)	Battery Capacity	PV Module rating	Centre point Light intensity just below 12 ft.(Lux)	Duration of Light (approx.)
SLS-6	6 Watts	12V 40Ah	12V 37Wp	6.5	12 Hrs.
SLS-9	9 Watts	12V 40Ah	12V 37Wp	8.5	10 Hrs.

CHARGE CONTROLLER IN STREET LIGHT LUMINAIRE

Max. Charging Current	4 A
Load disconnect battery Voltage	11.2 ± 0.2 Volts or as required
Load reconnect battery Voltage	12.5 ± 0.2 Volts or as required
Constant Charging Voltage	14.5 ± 0.2 Volts or as required
Idle current consumption	Less than 10 mA.

Electronic Options

Protection options:

- Reverse polarity
- Battery deep discharge
- Battery overcharge

Indication Options:

- Reverse polarity.
- Battery Low.
- Battery High.
- Battery Charging in Progress.
- Glass fiber / Aluminium / MS / ABS

Luminaire Housing Options

Structure Options

- Galvanized / Painted and mechanical requirements as per customer's specification

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This Catalogue is issued to provide outline information only and is not deemed to form part an offer or contract. Our policy is one of continued improvement and we reserve the right to change details without prior notice.

