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Bright Future with Smart Lights

# Solar Lights


## Product Brochure

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We, Ecosol Renewables is a Leading Manufacturer of LED Lights & SOLAR Products. Ecosol as a total energy solution provider in Lighting Industries. We are specialized in high power LED Lighting & Solar Products Manufacturing, through our independent innovation. We assuming highly efficient & Reliable LED Lighting Solution for YOUR HOME & OUR NATION

## WHY ECOSOL

- BETTER PRODUCT
- BETTER PROCESS
- BETTER RELATIONS
- NEW INNOVATIVE IN LIGHTING SYSTEMS
- PROVIDING BEST PRE-POST SELLING SERVICES
- WE PUT OUR CUSTOMERS AT THE CENTER OF WHAT WE DO
- WE VALUE, CHALLENGE & REWARD OUR PEOPLE
- WE DRIVE EXCELLENT SUSTAINABLE FINANCIAL PERFORMANCE
- OUR BENCHMARK STANDARD IN THE INDUSTRY STANDS ON THE FOUNDATION OF THE HIGH-QUALITY PARAMETERS
- QUALITY IS MONITORED AT EACH PHASE OF PRODUCTION ON SUCH PARAMETERS AS CONSISTENT SUPPLY, SAFETY FEATURES, POWER SAVING QUALITY & HEAVY LOAD CAPACITY
- CLIENT SATISFACTION IS OUR MAIN MOTO BEHIND EVERY WORK



# Solar Street Light All In One



## SPECIFICATIONS

- BIS CERTIFIED Lithium ION Battery
- IEC Certified Solar PWM Charge Controller
- MNRE/BIS Approved Polycrystalline Solar Panel
- Body : Powder Coated Metal
- LED Light Lumens : 140/watt
- Mounting Height : 4-6 meter Above Ground Level
- Motion Sensor : Passive Infrared Sensor 9 to 12 Meter Range
- Dimming after 4 hours
- Charge Time : 4 to 6 Hours Good Sunshine
- Discharging Time :12-15 Hours
- Easy to install & ready to use
- Protection : IP67
- \*Warranty : 60 Months

Product Code	Wattage	Panel	Battery (12.8v LiFePO4)	Lumens	Lux	Distance
SSL A 7	7	30w	6AH	980	12-15	4mtr
SSL A 9	9	40w	12AH	1260	18-22	5mtr
SSL A 12	12	40w	12AH	1680	25-28	6mtr
SSL A 15	15	50w	18AH	2100	32-35	7mtr
SSL A 18	18	50w	18AH	2520	40-45	8mtr
SSL A 20	20	50w	18AH	2800	45-48	9mtr
SSL A 24	24	60w	24AH	3360	54-58	10mtr
SSL A 30	30	75w	30AH	4200	70-75	12mtr
SSL A 40	40	100w	36AH	5600	90-95	12mtr
SSL A 50	50	125w	48AH	7000	110-115	12mtr





## Semi Integrated Glass Model



### SPECIFICATIONS



- BIS CERTIFIED Lithium ION Battery
- IEC Certified Solar PWM Charge Controller
- MNRE/BIS Approved Polycrystalline Solar Panel
- Body : Die-Cast Aluminium Metal Stand
- LED Light Lumens : 140/watt
- Mounting Height : 4-6 meter Above Ground Level
- Motion Sensor : Passive Infrared Sensor 9 to 12 Meter Range
- Dimming after 4 hours
- Charge Time : 4 to 6 Hours Good Sunshine
- Discharging Time :12-15 Hours
- Easy to install & ready to use
- Protection : IP67
- \*Warranty : 60 Months

Product Code	Wattage	Panel	Battery (12.8v LiFePO4)	Lumens	Lux	Distance
SSL G 7	7	30w	6AH	980	12-15	4mtr
SSL G 9	9	40w	12AH	1260	18-22	5mtr
SSL G 12	12	40w	12AH	1680	25-28	6mtr
SSL G 15	15	50w	18AH	2100	32-35	7mtr
SSL G 18	18	50w	18AH	2520	40-45	8mtr
SSL G 20	20	50w	18AH	2800	45-48	9mtr
SSL G 24	24	60w	24AH	3360	54-58	10mtr



## Semi Integrated Lens Model



### SPECIFICATIONS



- BIS CERTIFIED Lithium Ferro Phosphate Battery
- IEC Certified Solar PWM Charge Controller
- MNRE/BIS Approved Polycrystalline Solar Panel
- Body : Die-Cast Aluminium Metal Stand
- LED Light Lumens : 140/watt
- Mounting Height : 4-6 meter Above Ground Level
- Motion Sensor : Passive Infrared Sensor 9 to 12 Meter Range
- Dimming after 4 hours
- Charge Time : 4 to 6 Hours Good Sunshine
- Discharging Time :12-15 Hours
- Easy to install & ready to use
- Protection : IP67
- \*Warranty : 60 Months

Product Code	Wattage	Panel	Battery (12.8v LiFePO4)	Lumens	Lux	Distance
SSL L 7	7	30w	6AH	980	12-15	4mtr
SSL L 9	9	40w	12AH	1260	18-22	5mtr
SSL L 12	12	40w	12AH	1680	25-28	6mtr
SSL L 15	15	50w	18AH	2100	32-35	7mtr
SSL L 18	18	50w	18AH	2520	40-45	8mtr
SSL L 20	20	50w	18AH	2800	45-48	9mtr
SSL L 24	24	60w	24AH	3360	54-58	10mtr
SSL L 30	30	75w	30AH	4200	70-75	12mtr



# Government Model Solar Street Light



## SPECIFICATIONS



- BIS CERTIFIED Lithium Ferro Phosphate Battery
- IEC Certified Solar PWM Charge Controller
- MNRE/BIS Approved Polycrystalline Solar Panel
- Body : Die-Cast Aluminium Metal Stand
- LED Light Lumens : 140/watt
- Mounting Height : 4-6 meter Above Ground Level
- Motion Sensor : Passive Infrared Sensor 9 to 12 Meter Range
- Dimming after 4 hours
- Charge Time : 4 to 6 Hours Good Sunshine
- Discharging Time :12-15 Hours
- Easy to install & ready to use
- Protection : IP67
- \*Warranty : 60 Months

Product Code	Wattage	Panel	Battery (12.8v LiFePO4)	Lumens	Lux	Distance
MNRE PG 12	12w	75w	30AH	1680	25-28	6mtr
MNRE PG 730	7w	30w	12AH	980	12-15	4mtr
MNRE PG 740	7w	40w	12AH	980	12-15	4mtr
PWD 9	9w	40w	18AH	1260	18-22	5mtr
PWD 14	14w	75w	36AH	1960	30-34	7mtr
PWD 7w*2	7w*2	100w	36AH	1960	45-50	8mtr





# Semi Integrated High Wattage



## SPECIFICATIONS

- BIS CERTIFIED Lithium Ferro Phosphate Battery
- IEC Certified Solar PWM Charge Controller
- MNRE/BIS Approved Polycrystalline Solar Panel
- Body : Die-Cast Aluminium Metal Stand
- LED Light Lumens : 140/watt
- Mounting Height : 4-6 meter Above Ground Level
- Motion Sensor : Passive Infrared Sensor 9 to 12 Meter Range
- Dimming after 4 hours
- Charge Time : 4 to 6 Hours Good Sunshine
- Discharging Time :12-15 Hours
- Easy to install & ready to use
- Protection : IP67
- \*Warranty : 60 Months

Product Code	Wattage	Panel	Battery (12.8v LiFePO4)	Lumens	Lux
SSL HW 40	40	100w	36AH	5600	90-100
SSL HW 50	50	125w	42AH	7000	120-130
SSL HW 60	60	160w	48AH	8400	160-165
SSL HW 80	80	200w	60AH	11200	195-200
SSL HW 100	100	250w	72AH	14000	250+



# Solar Flood Light



## SPECIFICATIONS

- BIS CERTIFIED Lithium Ferro Phosphate Battery
- IEC Certified Solar PWM Charge Controller
- MNRE/BIS Approved Polycrystalline Solar Panel
- Body : Die-Cast Aluminium Metal Stand
- LED Light Lumens : 140/watt
- Mounting Height : 4-6 meter Above Ground Level
- Motion Sensor : Passive Infrared Sensor 9 to 12 Meter Range
- Dimming after 4 hours
- Charge Time : 4 to 6 Hours Good Sunshine
- Discharging Time :12-15 Hours
- Easy to install & ready to use
- Protection : IP67
- \*Warranty : 60 Months

Product Code	Wattage	Panel	Battery (12.8v LiFePO4)	Lumens	Lux
SFL 30	30	100w	30AH	4200	90-100
SFL 50	50	160w	42AH	7000	120-130
SFL 100	100	250w	72AH	14000	25-28





# Solar High Mast Light



## SPECIFICATIONS

- BIS CERTIFIED Lithium Ferro Phosphate Battery
- IEC Certified Solar PWM Charge Controller
- MNRE Approved Polycrystalline Solar Panel
- Pole : Hot Dip galvanized
- LED Light Lumens : 140/watt
- Mounting Height : 6 meter Above Ground Level
- Easy to install & ready to use
- Motion Sensor : Passive Infrared Sensor 9 to 12 Meter Range
- Auto Dusk to Dawn
- Dimming after 4 hours
- Charge Time : 4 to 6 Hours Good Sunshine
- Discharging Time : 12-15 Hours
- Protection : IP67
- \*Warranty : 60 Months

Product Code	System Wattage	Panel (Watt)	Battery (12.8v LiFePO4)	No. Of Lights	System Wattage	Lumens
SHM 20	20*4	200	72ah	4	80w	11200
SHM 30	30*4	300	120ah	4	120w	16800
SHM 40	40*5	400	144ah	4	160w	22400
SHM 50	50*4	500	168ah	4	200w	28000
SHM 60	60*4	640	192ah	4	240w	33600
PWD 20	20*5	400	300ah	5	100w	14000



# Tubular Pole



## SPECIFICATIONS

- Galvanized as per IS 2629.
- Easy to installation poles.
- Superior Finish.
- Anti-rust coating.
- Mounting Height as per requirement
- Easy to install & ready to use
- Strict adherence to quality standards
- Planting depth : 1-2mtr
- Base plate as per requirement
- Foundation J bolt
- Greater resistance to corrosion.
- Brackets can be customised as per requirement.

Product Code	Height	Diameter (Top/Bottom)	Sheet Thickness	Weight
TP 4.5	4.5	76-76mm	1.2 mm	13-16 Kg
TP 6	6	76-76mm	1.2 mm	15-18 Kg



# Glass Model AC Street Lights



## SPECIFICATIONS

- OSRAM LED
- IC HPF Indian Driver(0.96PF)
- Typ. Beam Angle : 120°
- Aluminium Pressure Die Cast Heat Sink
- Clear Transparent Toughened Glass
- Aluminium PCB for Better Heat Dissipation
- Mounting : Pole Holder Suitable for Adjustable Bracket
- Lumens : 130/watt
- Protection : IP67
- Super Durable Epoxy Polyester Powder Coating
- Silicon Rubber Gasket
- C Clamp for Glass Holding
- Universal Input Voltage Range 90-300VAC, 50Hz
- \*Warranty : 24 Months

Product Code	Watt	Lumens	Lux	Distance
SLG 50	50	6000	65	8mtr
SLG 60	60	7200	70	8mtr
SLG 72	72	8640	80	8mtr
SLG 90	90	10800	90	9mtr
SLG 100	100	12000	110	9mtr
SLG 120	120	14400	120	12mtr
SLG 150	150	18000	180	15mtr
SLG 180	180	21600	190	20mtr
SLG 200	200	24000	200	20mtr





# Frame Model AC Street Lights



## SPECIFICATIONS

- OSRAM LED
- IC HPF Indian Driver(0.96PF)
- Typ. Beam Angle : 120°
- Aluminium Pressure Die Cast Heat Sink
- Clear Transparent Toughened Glass
- Aluminium PCB for Better Heat Dissipation
- Mounting : Pole Holder Suitable for Adjustable Bracket
- Lumens : 130/watt
- Protection : IP67
- Super Durable Epoxy Polyester Powder Coating
- Silicon Rubber Gasket
- C Clamp for Glass Holding
- Universal Input Voltage Range 90-300VAC, 50Hz
- \*Warranty : 24 Months

Product Code	Watt	Lumens	Lux	Distance
SLF 50	50	6000	65	8mtr
SLF 60	60	7200	70	8mtr
SLF 72	72	8640	80	8mtr
SLF 90	90	10800	90	9mtr
SLF 100	100	12000	110	9mtr
SLF 120	120	14400	120	12mtr
SLF 150	150	18000	180	15mtr
SLF 180	180	21600	1900	20mtr
SLF 200	200	24000	200	20mtr



# Back Choke Model AC Flood Lights



## SPECIFICATIONS

- OSRAM LED
- IC HPF Indian Driver(0.96PF)
- Typ. Beam Angle : 110°
- Aluminium Pressure Die Cast Heat Sink
- Clear Transparent Toughened Glass
- Aluminium PCB for Better Heat Dissipation
- Back Choke High Weight Model
- Lumens : 130/watt
- Protection : IP67
- Super Durable Epoxy Polyester Powder Coating
- Silicon Rubber Gasket
- C Clamp for Flood Light Holding
- Universal Input Voltage Range 90-300VAC, 50Hz
- \*Warranty : 24 Months

Product Code	Wattage	Lumens	Lux	Distance
FLB 30	30	3600	50	7mtr
FLB 50	50	6000	65	8mtr
FLB 100	100	12000	110	9mtr
FLB 150	150	18000	120	12mtr
FLB 200	200	24000	180	15mtr



# Down Choke Model AC Flood Lights



## SPECIFICATIONS

- OSRAM LED
- IC HPF Indian Driver(0.96PF)
- Typ. Beam Angle : 110°
- Aluminium Pressure Die Cast Heat Sink
- Clear Transparent Toughened Glass
- Aluminium PCB for Better Heat Dissipation
- Back Choke High Weight Model
- Lumens : 130/watt
- Protection : IP67
- Super Durable Epoxy Polyester Powder Coating
- Silicon Rubber Gasket
- C Clamp for Flood Light Holding
- Universal Input Voltage Range 90-300VAC, 50Hz
- \*Warranty : 24 Months

Product Code	Wattage	Lumens	Lux	Distance
FLD 30	30	3600	50	7mtr
FLD 50	50	6000	65	8mtr
FLD 100	100	12000	110	9mtr







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