



We deliver Durable and Reliable products for Residential, Commercial, and Industrial applications.

PRODUCT CATALOGUE

About Solotronics

We provide a one-stop solution for all lighting luminaires, with expertise in lighting and pole requirements for gates, gardens, resorts, indoor-outdoor spaces, roads, and highways. Our in-house manufacturing ensures high-quality, efficient luminaires designed for long-term use. We use top-tier components like ballasts, lamp holders, capacitors, and starters sourced from industry leaders.

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Why Choose Us ?

We are dedicated to providing our clients with the best products in the field of solar energy, backed by precise workmanship and superior after-sales service. Our solutions are affordable, renewable and designed to help you achieve maximum efficiency and savings.

All in One Solar Street Light



Solar All-in-One Street Lights combine a solar panel, LED, battery, and controller in a single unit for efficient, maintenance-free lighting. With automatic operation and motion sensors, they offer durable, cost-effective illumination for streets, pathways, and public spaces.

Technical Specifications :

Product code	Watt	Battery LiFePO4 12.8V	Panel (mono)	Lumens
STPL-A1-01	9-15	6/12 ah	30w/40w	1260-2100
STPL-A1-02	15-30	18/24 ah	40w/50w	2100-4200
STPL-A1-03	30-50	30/36 ah	60w/80w	4200-7000
STPL-A1-04	60-120	60/72/84 ah	120w/150w	8400-16800

Features :

- **Integrated Design:** Combines solar panel, LED, battery, and controller in one unit.
- **Automatic Operation:** Dusk-to-dawn lighting with intelligent energy manage-
- **Motion Sensor:** Adjusts brightness based on movement to save energy.
- **Weatherproof & Durable:** IP65-rated for resistance to dust, water, and harsh
- **High-Efficiency Solar Panel:** Maximizes energy absorption for longer operation.
- **Long-Lasting Battery:** Advanced lithium battery for extended performance.
- **Easy Installation:** No wiring required, making it ideal for remote locations.

Solar Semi Integrated Street lights



Lens Model

The Lens Model features an advanced optical lens that enhances light distribution, ensuring higher brightness and focused illumination. Designed for efficiency, it maximizes lumen output while reducing glare, making it ideal for streets, pathways, and outdoor areas requiring precise lighting.

Precise Light Distribution with optical
Maximized Brightness with minimal
Reduced Glare for comfortable lighting.

Technical Specifications :

Product code	Watt	Battery LiFePo4 12.8V	Panel	Lumens
STPL-SSL-L01	7	6 ah	20w	980
STPL-SSL-L02	9	12 ah	30w	1260
STPL-SSL-L03	12	12 ah	40w	1680
STPL-SSL-L04	15	18 ah	50w	2100
STPL-SSL-L05	18	18 ah	50w	2520
STPL-SSL-L06	20	18 ah	50w	2800
STPL-SSL-L07	24	24 ah	60w	3360
STPL-SSL-L08	30	30 ah	75w	4200
STPL-SSL-L09	40	36 ah	100w	5600
STPL-SSL-L10	50	48 ah	125w	7000
STPL-SSL-L11	60	54 ah	165w	8400
STPL-SSL-L12	72	66 ah	180w	10080
STPL-SSL-L13	80	72 ah	200w	11200
STPL-SSL-L14	90	42ah 25.6v	220w	12600
STPL-SSL-L15	100	48ah 25.6v	335w	14000
STPL-SSL-L16	120	54ah 25.6v	335w	16800
STPL-SSL-L17	150	72ah 25.6v	375w	21000
STPL-SSL-L18	180	84ah 25.6v	450w	25200
STPL-SSL-L19	200	100ah 25.6v	500w	28000

Solar Semi Integrated Street lights



Glass Model

The Glass Model is equipped with a toughened glass cover that provides uniform illumination and enhanced durability. Its sturdy construction ensures protection against environmental factors, making it a reliable choice for roads, parking lots, and public spaces.

Even Illumination with toughened glass.
Durable Protection against weather.
Reliable Performance for outdoor use

Technical Specifications :

Product code	Watt	Battery LiFePo4 12.8V	Panel	Lumens
STPL-SSL-G01	7	6 ah	20w	980
STPL-SSL-G02	9	12 ah	30w	1260
STPL-SSL-G03	12	12 ah	40w	1680
STPL-SSL-G04	15	18 ah	50w	2100
STPL-SSL-G05	18	18 ah	50w	2520
STPL-SSL-G06	20	18 ah	50w	2800
STPL-SSL-G07	24	24 ah	60w	3360
STPL-SSL-G08	30	30 ah	75w	4200
STPL-SSL-G09	40	36 ah	100w	5600
STPL-SSL-G10	50	48 ah	125w	7000
STPL-SSL-G11	60	54 ah	165w	8400
STPL-SSL-G12	72	66 ah	180w	10080
STPL-SSL-G13	80	72 ah	200w	11200
STPL-SSL-G14	90	42ah 25.6v	220w	12600
STPL-SSL-G15	100	48ah 25.6v	335w	14000
STPL-SSL-G16	120	54ah 25.6v	335w	16800
STPL-SSL-G17	150	72ah 25.6v	375w	21000
STPL-SSL-G18	180	84ah 25.6v	450w	25200
STPL-SSL-G19	200	100ah 25.6v	500w	28000

Solar Hybrid Street lights



Hybrid Model

Solotronics Solar Hybrid Street Lights combine the best of solar power and grid electricity, ensuring reliable and consistent illumination. Equipped with a solar panel and a backup grid connection, these lights automatically switch to grid power when solar energy is insufficient. Designed for energy efficiency and reduced operational costs, they are ideal for areas with inconsistent sunlight or extended lighting needs. Perfect for streets, highways, and commercial spaces, offering seamless performance throughout the year.

Technical Specifications :

Product code	Watt	Battery LiFePo4 12.8V	Panel	Lumens
STPL-SSL-H01	7	6 ah	20w	980
STPL-SSL-H02	9	12 ah	30w	1260
STPL-SSL-H03	12	12 ah	40w	1680
STPL-SSL-H04	15	18 ah	50w	2100
STPL-SSL-H05	18	18 ah	50w	2520
STPL-SSL-H06	20	18 ah	50w	2800
STPL-SSL-H07	24	24 ah	60w	3360
STPL-SSL-H08	30	30 ah	75w	4200
STPL-SSL-H09	40	36 ah	100w	5600
STPL-SSL-H10	50	48 ah	125w	7000
STPL-SSL-H11	60	54 ah	165w	8400
STPL-SSL-H12	72	66 ah	180w	10080
STPL-SSL-H13	80	72 ah	200w	11200
STPL-SSL-H14	90	42ah 25.6v	220w	12600
STPL-SSL-H15	100	48ah 25.6v	335w	14000
STPL-SSL-H16	120	54ah 25.6v	335w	16800
STPL-SSL-H17	150	72ah 25.6v	375w	21000
STPL-SSL-H18	180	84ah 25.6v	450w	25200
STPL-SSL-H19	200	100ah 25.6v	500w	28000

LED Street lights

GLASS MODEL (BLACK)

Product code	Watt	Lumens
STPL-SL-BG01	20	2800
STPL-SL-BG02	30	4200
STPL-SL-BG03	50	7000
STPL-SL-BG04	100	14000
STPL-SL-BG05	150	21000
STPL-SL-BG06	200	28000
STPL-SL-BG07	300	42000



GLASS MODEL (WHITE)

Product code	Watt	Lumens
STPL-SL-WG01	20	2800
STPL-SL-WG02	30	4200
STPL-SL-WG03	50	7000
STPL-SL-WG04	100	14000
STPL-SL-WG05	150	21000
STPL-SL-WG06	200	28000
STPL-SL-WG07	300	42000



FRAME MODEL

Product code	Watt	Lumens
STPL-SL-F01	20	2800
STPL-SL-F02	30	4200
STPL-SL-F03	50	7000
STPL-SL-F04	100	14000
STPL-SL-F05	150	21000
STPL-SL-F06	200	28000
STPL-SL-F07	300	42000



LED Flood lights

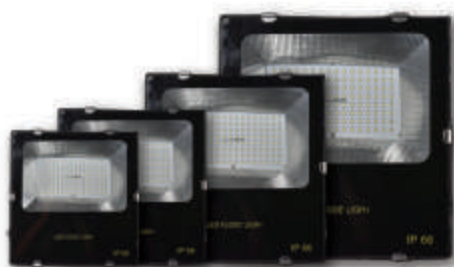
ECO MODEL

Product code	Watt	Lumens
STPL-FL-E01	20	2800
STPL-FL-E02	30	4200
STPL-FL-E03	50	7000
STPL-FL-E04	100	14000
STPL-FL-E05	150	21000
STPL-FL-E06	200	28000
STPL-FL-E07	300	42000



BLACKSHIP MODEL

Product code	Watt	Lumens
STPL-FL-B01	20	2800
STPL-FL-B02	30	4200
STPL-FL-B03	50	7000
STPL-FL-B04	100	14000
STPL-FL-B05	150	21000
STPL-FL-B06	200	28000
STPL-FL-B07	300	42000



PREMIUM MODEL

Product code	Watt	Lumens
STPL-FL-P01	20	2800
STPL-FL-P02	30	4200
STPL-FL-P03	50	7000
STPL-FL-P04	100	14000
STPL-FL-P05	150	21000
STPL-FL-P06	200	28000
STPL-FL-P07	300	42000



LED Highbay lights

MODEL-A

Product code	Watt	Lumens
STPL-HBL-A01	50	7500
STPL-HBL-A02	100	15000
STPL-HBL-A03	150	22500
STPL-HBL-A04	200	30000
STPL-HBL-A05	300	45000



MODEL-B

Product code	Watt	Lumens
STPL-HBL-B01	50	7500
STPL-HBL-B02	100	15000
STPL-HBL-B03	150	22500
STPL-HBL-B04	200	30000
STPL-HBL-B05	300	45000



LED Highmast lights

MODEL-A

Product code	Watt	Lumens
STPL-HML-01	50	7500
STPL-HML-02	100	15000
STPL-HML-03	150	22500
STPL-HML-04	200	30000
STPL-HML-05	300	45000



Decorative Street Lights Poles



STPL-DP-01



STPL-DP-02



STPL-DP-03



STPL-DP-04



STPL-DP-05

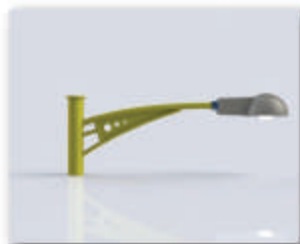


STPL-DP-06

Street Lights Poles (Octagonal)



Octagonal street light poles feature a multi-sided, tapered design that provides excellent strength and wind resistance. Made from high-quality galvanized steel, they are ideal for highways, expressways, and urban roads where durability and stability are essential.



Solar Highmast Lights

SOLAR MINI HIGHMAST LIGHT

Product code	Pole Height(m)	Light Wattage	Battery LiFePo4(12.8V)	Panel	Lumens
STPL-MHL-01	6	20Wx4	20Ahx4	75Wx4	11200
STPL-MHL-02	7	20Wx5	20Ahx5	75Wx5	14000
STPL-MHL-03	9	50Wx6	50Ahx6	125Wx6	42000



SOLAR HIGHMAST LIGHT

Product code	Pole Height(m)	Light Wattage	Battery LiFePo4(12.8V)	Panel	Lumens
STPL-HL-01	6	50Wx4	1000Ahx4	75Wx4	28000
STPL-HL-02	9	50Wx6	100Ahx6	75Wx5	42000
STPL-HL-03	12	200Wx4	200Ahx4	125Wx6	112000



About the Product

Illuminate large outdoor spaces efficiently with Solar High Mast Lights, designed to deliver high-intensity lighting with zero electricity costs. Perfect for highways, stadiums, industrial areas, parking lots, and large public spaces, these lights ensure maximum brightness, durability, and energy efficiency.

Street Lights Poles (Tubular)



Tubular poles have a uniform cylindrical shape, offering a cost-effective and versatile lighting solution. Known for their durability and easy installation, they are widely used in residential streets, parks, and industrial areas.



Solar Flood lights

DOWN CHOKE

Product code	Watt	Battery LiFePO4 12.8V	Panel (mono)	Lumens
STPL-SFL-D01	9-15	6/12 ah	30w/40w	1260-2100
STPL-SFL-D02	15-30	18/24 ah	40w/50w	2100-4200
STPL-SFL-D03	30-50	30/36 ah	60w/80w	4200-7000
STPL-SFL-D04	60-120	60/72/84 ah	120w/150w	8400-16800



BACK CHOKE

Product code	Watt	Battery LiFePO4 12.8V	Panel (mono)	Lumens
STPL-SFL-B01	9-15	6/12 ah	30w/40w	1260-2100
STPL-SFL-B02	15-30	18/24 ah	40w/50w	2100-4200
STPL-SFL-B03	30-50	30/36 ah	60w/80w	4200-7000
STPL-SFL-B04	60-120	60/72/84 ah	120w/150w	8400-16800



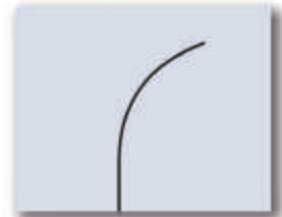
About the Product

Solar Flood Light provides powerful, energy-efficient illumination for outdoor spaces. With a high-efficiency solar panel and long-lasting battery, it offers automatic dusk-to-dawn operation. Ideal for security lighting, landscapes, and large areas, it ensures bright, reliable performance with zero electricity costs.

Street Lights Poles (Conical)



Conical poles have a sleek, tapered design that enhances urban aesthetics while maintaining strength and functionality. These modern poles are commonly used in commercial areas, public squares, and decorative lighting applications.



Solar Traffic Blinker



Solar Traffic Blinker is an energy-efficient warning light powered by solar energy, ensuring 24/7 visibility. Designed for road safety, it operates automatically, requiring no external power. Ideal for intersections, construction zones, and accident-prone areas to enhance traffic awareness.

Technical Specification

Body - MS + Polycarbonate
 LED - 112 LED
 Solar Panel - 40 watt
 Battery - 144 W/Hr
 Back-up time - 2 Days Autonomy
 Warranty - 1 year
 IP protection - IP 65

Solar Home Light System



Solar Home Light System is an energy-efficient solution that provides reliable illumination using solar power. It includes solar panels, a battery, and LED lights, ensuring uninterrupted lighting for homes, especially in areas with limited electricity access.

Technical Specification

Upto 12V - 20W Solar Panel
 Upto 6.6Ah Li-ion Battery
 5W DC LED Bulb
 Mobile Charging Port
 5 Meter Wire With Solar Panel & 3
 Meter Wire With Individual Loads

Solar Bollard Lights



Solar Bollard Lights are self-sustaining outdoor lighting solutions designed for pathways, gardens, and landscapes. Powered by solar energy, they offer automatic dusk-to-dawn operation, providing efficient and eco-friendly illumination with minimal maintenance.

Technical Specification

Body - MS + Powder coated

LED wattage - 5 watt

Charging time - 6-8 hrs

Back-up time - 10-12 hrs

Warranty - 2 years

IP protection - IP 65

Solar Emergency Lights



Solar Emergency Lights provide reliable, off-grid illumination during power outages and emergencies. Powered by solar energy, they are easy to use and ideal for homes, offices, and outdoor activities, ensuring safety and convenience when needed most.

Technical Specification

Body - Aluminium Die casting

LED- 100 LED(make- osram)

Controller - MPPT charge controller

Charging time - 6-8 hrs

Back-up time - 4-5 hrs

Warranty - 2 years

IP protection - IP 65

Watt - 50 watt



Get In Touch

SOLOTRONICS TECHNOLOGIES PVT. LTD.

📍 Sr.no.23/3/2/1 Near Abhinav College Swarajya
Palace Narhe, Pune - 411041, Maharashtra, India

☎ 7058526018 / 7058536018
9970506018 / 9511759648

✉ solotronicstechnologies@gmail.com

🌐 www.solotronics.co.in

