



Solar Street & Flood Light

Fit for

Street / Road / Highways Lighting / Drying Yards in Plantation Area Lighting / Perimeter Lighting of Industries & Institutions / Path Way Lighting in Resorts / Campus / Office Complex / etc.

Variants

12W to 40W

Technical Specs

Model	SSL12CL	SSL16CL	SSL18CL	SSL20CL	SSL24CL	SSL30CL	SSL40CL	SFL40CL	SFL40CL
Type of Light	Solar Street Light							Solar Flood Light	
Wattage	12W	16W	18W	20W	24W	30W	40W	30W	40W
Pole Height	5 Meter	5 Meter	5 Meter	5 Meter	5 Meter	6 Meter	6 Meter	6 Meter	6 Meter
Pole Type	Octagonal / Swaged Steel Tubular								
PV Module	75Wp	75Wp	75Wp	100Wp	120Wp	150Wp	150Wp	150Wp	200Wp
Solar Panel Type	Poly Crystalline / Mono Crystalline								
Type of Battery	Lithium Ferro Phosphate (LiFePo4) / Lithium Ion								
Battery Specification	12.8V / 24Ah	12.8V / 30Ah	12.8V / 30Ah	12.8V / 30Ah	12.8V / 30Ah	12.8V / 42Ah	12.8V / 42Ah	12.8V / 42Ah	12.8V / 54Ah
Battery Location	Inbuilt							External	
Charge Controller	Yes (PWM / MPPT)								
Dimming	No	Yes (2 Stage / As per requirement)							
Charging Time with Solar Panel	7 - 8 Hrs								
Protection	Battery Reversal / Solar Panel Reversal / Load Short Circuit / Battery Over Charge & Over Discharge								
Solar Panel Mounting	Yes								
Dusk to Dawn Operation	Auto								
Lumen Efficacy	≥ 110 Lumen / Watt								
Autonomy	2 - 3 Days								
Efficiency	≥ 85%								
Benefits	Bright White LEDs, minimum maintenance, Quick and easy installation, Uniform distribution of light, Auto ON / OFF function (Dusk to Dawn), Universal Tilt & Orientation of Mounting								

PV Module capacity varies depending on number of days of Autonomy, Dimming & Type of Module (i.e. Poly / Mono Crystalline).

Battery capacity varies depending on Number of Days of Autonomy & type of Dimming.

Due to continuous development, the product specification & size are subject to change without prior notice.