

IP65 rated solar street light. It is designed with long life lithium battery for sustainable energy. Charging temperature in day time is between 0°C - 60°C. When temperature is below 0°C, its control system will automatically stop charging to protect the battery. Discharging temperature at night is between -20°C to 60°C. If ambient temperature is not within the above stated range, lifespan of batteries might be compromised.



SOLAR LIGHT

Poly-Crystalline Solar panel	70Ra CRI	IP65 Protection grade	25,000 Hours Lifespan	Floodlight Type of luminaire	High Quality LED chip
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Model	PSOSE10L	PSOSE20L	PSOSE30L
LED chip	Epistar/Bridgelux		
Wattage (W)	10W	20W	30W
Lumen (Lm)	250	500	750
Solar panel	18V 15W Polycrystalline	9V 25W Polycrystalline	18V 30W Polycrystalline
Battery type	LiFePO4 12.8V 6Ah	LiFePO4 6.4V 15Ah	LiFePO4 12.8V 12Ah
Charging time (hrs)	6-8		
Color temperature (K)	6000-6500		
Unit price (USD)	\$67.39	\$96.96	\$134.09

SOLAR LIGHT

(Operable period when fully charged: 12-16 hrs)

Model	PSOSE50L	PSOSE100L
LED chip	Epistar/Bridgelux	
Wattage (W)	50W	100W
Lumen (Lm)	1250	2500
Solar panel	18V 30W Polycrystalline	6V 65W Polycrystalline
Battery type	LiFePO4 12.8V 18Ah	LiFePO4 3.2V 96Ah
Charging time (hrs)	6-8	
Color temperature (K)	6000-6500	
Unit price (USD)	\$223.48	\$312.83

