

Technical Specifications : All in One Solar Street Light - LFP

Model number	WSSLAIOLF9W	WSSLAIOLF12W	WSSLAIOLF15W	WSSLAIOLF18W	WSSLAIOLF20W	WSSLAIOLF25W	WSSLAIOLF30W	WSSLAIOLF40W	WSSLAIOLF50W
LED Output	9W	12W	15W	18W	20W	25W	30W	40W	50W
Solar Panel	40Wp Crystalline Solar Panel			50Wp Crystalline Solar Panel	60Wp Crystalline Solar Panel	75Wp Crystalline Solar Panel		100Wp Crystalline Solar Panel	
Battery Capacity	12.8V, 9Ah LFP Battery	12.8V, 12Ah LFP Battery	12.8V, 13.5Ah LFP Battery	12.8V, 18Ah LFP Battery	12.8V, 21Ah LFP Battery	12.8V, 24Ah LFP Battery	12.8V, 28.5Ah LFP Battery	12.8V, 51Ah LFP Battery	12.8V, 60Ah LFP Battery
Number of LED	12	15	18	21	30	18	18	36	36
Lumen Output / Watt	120 Lumen / Wp					140 Lumen / Wp			
Operation	Auto Dusk to dawn mode. Light will glow in full bright mode for first 4Hrs. After 4Hrs. Light will dim to 33% power and motion sensor will activate for detection of motion. If any motion is detected in 12M area around the Light, it will glow in full mode for 2 min. After that it will again come to 33% power.								
LED Driver Efficiency	>90%								
LED Light Operating Voltage Range	9.6V - 12.6V								
Load Cut-off Voltage for Battery	9.6V								
Recommended Pole dimensions L x D x T	5 Meter x 76 mm x 1.8 mm						6 Meter x 76 mm x 1.8 mm		
Light Backup Time	2 days								
Net Weight	9 Kg	10 Kg	12 Kg	13.5 Kg	15 Kg	19 Kg	22 Kg	32 Kg	32 Kg
Product Dimensions (L x W x H)	67cm x 52cm x 4.3cm			71cm x 51.8cm x 4.3cm	80.5cm x 56cm x 4.3cm	105cm x 56cm x 4.4cm		131.5cm x 55.5cm x 4.4cm	
Protection Provided	Battery deep discharge protection, Over charge Protection, Load open Protection, Charging and battery indication, Reverse current flow Protection, Temperature compensation, Short circuit protection								
Packaging Contains	Integrated light with SPV, Mounting bracket, U-Clamp, Nut - bolts								
Warranty	3 years manufacturing warranty								

FEATURES

- Auto Dusk to Dawn mode
- Battery deep discharge protection
- Over charge Protection
- Short Circuit Protection
- All in one Integrated model
- LED Indicators



Technical Specifications : All in One Solar Street Light - Li-Ion

Model number	WSSLAIOLI9W	WSSLAIOLI12W	WSSLAIOLI15W	WSSLAIOLI18W	WSSLAIOLI20W	WSSLAIOLI25W	WSSLAIOLI30W	WSSLAIOLI40W	WSSLAIOLI50W
LED Output	9W	12W	15W	18W	20W	25W	30W	40W	50W
Solar Panel	40Wp Crystalline Solar Panel			50Wp Crystalline Solar Panel	60Wp Crystalline Solar Panel	75Wp Crystalline Solar Panel		100Wp Crystalline Solar Panel	
Battery Capacity	11.1V, 11Ah Lithium-Ion Battery	11.1V, 13Ah Lithium-Ion Battery	11.1V, 15Ah Lithium-Ion Battery	11.1V, 19.8Ah Lithium-Ion Battery	11.1V, 23.4Ah Lithium-Ion Battery	11.1V, 26Ah Lithium-Ion Battery	11.1V, 32Ah Lithium-Ion Battery	11.1V, 41.6Ah Lithium-Ion Battery	11.1V, 52Ah Lithium-Ion Battery
Number of LED	12	15	18	21	30	18	18	36	36
Lumen Output / Watt	120 Lumen / Wp					140 Lumen / Wp			
Operation	Auto Dusk to dawn mode. Light will glow in full bright mode for first 4Hrs. After 4Hrs. Light will dim to 33% power and motion sensor will activate for detection of motion. If any motion is detected in 12M area around the Light, it will glow in full mode for 2 min. After that it will again come to 33% power.								
LED Driver Efficiency	>90%								
LED Light Operating Voltage Range	9.6V - 12.6V								
Load Cut-off Voltage for Battery	9.6V								
Recommended Pole dimensions L x D X T	5 Meter x 76 mm x 1.8 mm						6 Meter x 76 mm x 1.8 mm		
Light Backup Time	2 days								
Net Weight	9 Kg	10 Kg	12 Kg	13.5 Kg	15 Kg	19 Kg	22 Kg	32 Kg	32 Kg
Product Dimensions (L x W x H)	72cm x 46cm x 7cm			66cm x 50.5cm x 7cm	89cm x 50.5cm x 7cm	101cm x 55.5cm x 7cm		131.5cm x 55.5cm x 4.4cm	
Protection Provided	Battery deep discharge protection, Over charge Protection, Load open Protection, Charging and battery indication, Reverse current flow Protection, Temperature compensation, Short circuit protection								
Packaging Contains	Integrated light with SPV, Mounting bracket, U-Clamp, Nut - bolts								
Warranty	1 year manufacturing warranty								

FEATURES

- Auto Dusk to Dawn mode
- Battery deep discharge protection
- Over charge Protection
- Short Circuit Protection
- All in one Integrated model
- LED Indicators

