

# INTEGRATED Solar Highmast



## OUTDOOR SERIES



## PRODUCT OVERVIEW

The AL TSA Solar Streetlight series features both standard solar streetlights from 60W-120W & The Solar Highmast option from 150W-200W. Built with excellence the solar streetlight series features double sided solar panel cells which increase power generation by up to 30%. The Luminaire features 4 optional lighting modes with a variety of power consumptions up to 200W. Designed specially for engineering the brackets featured on the streetlight/highmast has a 180 degree adjustable bracket which contributes to the best optimal lighting solutions that can be applied to various applications and projects.

### Quality comes standard...



**Hours**  
LIFESPAN



**IP65**  
OUTDOOR



**Low**  
MAINTENANCE



**Year**  
WARRANTY



**Product**  
CERTIFICATION

### APPLICATIONS

Parking Lots

Streetlighting

Outdoor Lighting

Security Lighting

Highmasts

Commercial Spaces

### FEATURES

PIR Sensor

60-76mm Pole

Aluminium Body

60W-200W

IP65

SMD 5050

Double Sided Solar Cells

Energy Efficient

IK10 Impact Resistance

5 Year Warranty

180Degree Bracket

Polymethyl Methacrylate

### CONSTRUCTION

## Integrated Solar Highmast

### SPECIFICATIONS

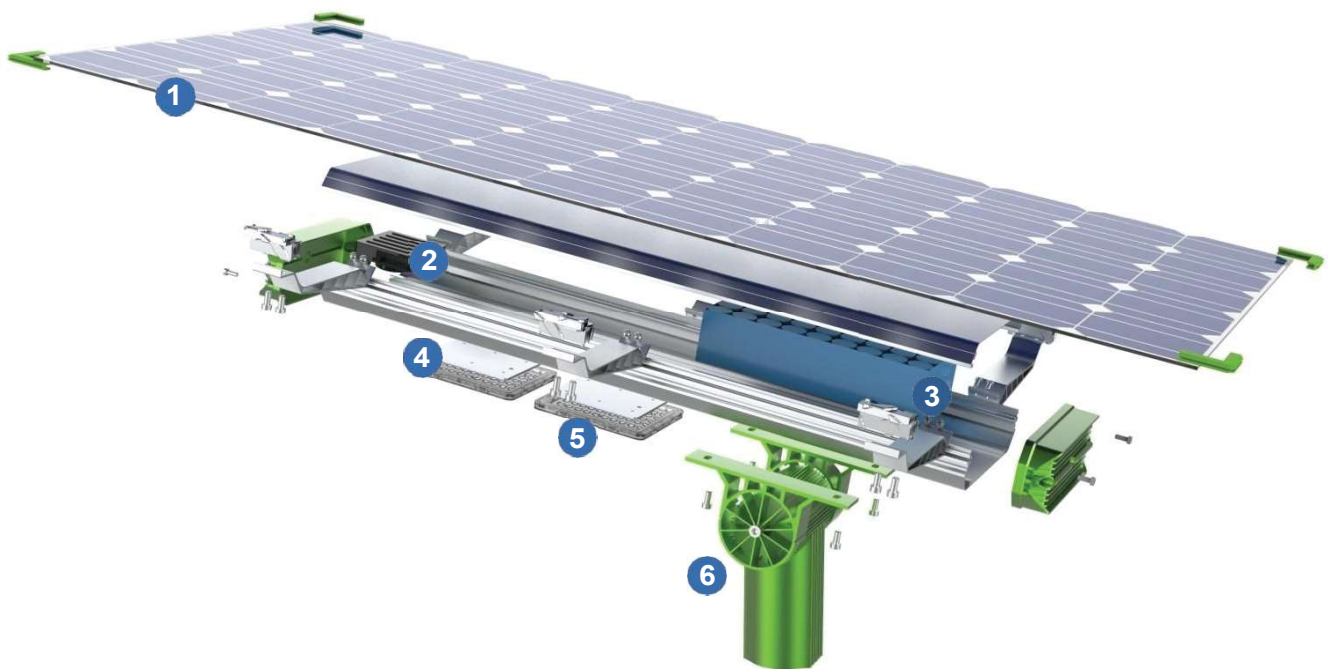
Power Consumption (W):	150W	200W
LED Quantity and Size (pcs):	120pcs   SMD 5050	120pcs   SMD 5050
Rated Luminous Flux (lm):	25000 lm	33000 lm
Luminous Efficacy (lm/W):	170 lm/W	170 lm/W
LiFeP04 (V/AH):	12.8V/90AH	25.6V/90AH
Mono Solar Panel (V/W):	18V/220W	36V/260W
Charging Time (Hrs):	6-8 Hours by Bright Sunlight	
Discharge Time :	3-7 Days During Rain,10-12days On Clear Days	
Lighting Mode :	12hrs motion sensor control	Time Control
	(Bright lighting 30secs when people move through the light)+Remote Controller	
PIR :	120° , >8m	
Installation Height :	8-12m - Poles Are Not Included	
Operating Temperature :	-25°C to 65°C	
Ingress Protection(IP):	IP65	
Impact Resistance(IK):	IK10	
Construction & Housing :	Aluminium + Polymethyl Methacrylate (PMMA)	

### ORDERING INFORMATION

XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
Product Family	Product ID	Solar Panel Size	Lamp Size	Total Weight	Power	Efficiency	CCT	IP	Beam Angle	Spigot Size	Control Type	CRI
Solar Streetlight (SOS)	Integrated Solar Streetlight (ISS)	1070*517 (105)	970*236*85 (928)	18kg	60W(60)	170lm/W (170)	3000K(03) 4000K(04) 5000K(05) 6000K(06)	IP65 (IP65)	120° (120)	60-76mm	PIR (PIR)	80 (8)
		1280*517 (125)	970*236*85 (928)	21kg	80W(80)							
		1140*675 (116)	970*236*85 (928)	23kg	100W(100)							
		1260*675 (126)	970*236*85 (928)	25kg	120W(120)							
	Integrated Solar Highmast (ISH)	1560*675 (156)	1000*236*85 (128)	28kg	150W(150)							
		1980*675 (196)	1000*236*85 (128)	32kg	200W(200)							

## Integrated Solar Highmast

### PRODUCT SPECIFICATIONS



① Double - Sided Solar Panel

② Control Module

③ LiFePO4 Battery

④ LED Plate

⑤ Optical LED

⑥ Adjustable Bracket

## Integrated Solar Highmast

### PHOTOMETRICS

