

A modern, sleek, silver-colored solar street light fixture is mounted on a vertical pole. The fixture has two circular LED light heads and a solar panel integrated into its top surface. It is set against a background of a clear blue sky and lush green trees.

Thor Series

Patented Integrated solar street lights

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LED & Optical

Output Range:	12,000-30,000lm
Photometric Options:	80°X150°
System Efficacy:	190-200LM/W
CCT:	2700K-6500K

Solar Panel

Type:	Mono Crystalline
Capacity:	60W~150W

Warranty

Standard:	3 years
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Operation Mode

Working Mode : Light control and Time control.
Working Time : 10-12 hours per day,sustain 3-4 rainy days.
Charging Time : 6-7 hours (with enough strong shine).

Construction & Finishing

Housing:	Aluminum
Lens:	PC Lens
Paint:	Corrosion resistant powder coated paint

Ratings

IP Rated:	IP65
Working Temperature:	-20°C~70°C

Charge Controller

PWM Charging:	Yes
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Compliance Standards

Fixtures:	CE, ROHS
Battery:	IEC 62619
Solar Panel:	IEC 61215

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PARAMETERS

Item number	Solar Panel	LED	Fixture Wattage	Mounting Height	Mounting Distance	Lumens (lm)	LiFePo4 Battery	CTN Dimension L*W*H (mm)	Spigot (Φ mm)
AL-Thor 60	18V 60W	5050	60W	5m	15m	12,000	12.8V 24AH	975*410*215	50-60
AL-Thor 80	18V 80W	5050	80W	6m	18m	16,000	12.8V 36AH	1155*410*215	50-60
AL-Thor 100	18V 100W	5050	100W	7m	20m	20,000	12.8V 42AH	1475*410*215	50-60
AL-Thor 120	18V 120W	5050	120W	8m	20-25m	24,000	12.8V 48AH	Lamp: 1620*415*135 Sleeve: 360*330*300	60-76
AL-Thor 150	18V 150W	5050	150W	9-10m	25-30m	30,000	12.8V 60AH	Lamp: 1780*415*135 Sleeve: 360*330*300	60-76



60W



80W



100W



120W



150W

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Dimension

