



Auto Clean Series

Integrated Solar Street Light

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LED & Optical

Output Range:	8,000-20,000lm
Photometric Options:	80°X150°
System Efficacy:	190~200LM/W
CCT:	2700K~6500K

Solar Panel

Type:	Mono Crystalline
Capacity:	60W~120W

Warranty

Standard:	3 years
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Operation Mode

Working Mode :
Light control and Time control.
Working Time :
Full charged,12 hours per day , sustain 3-4 rainy days.
Charging Time :
5-6 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-Auto Clean 40	18V 60W	5050	40W	5m	15m	8,000	12.8V /24Ah	1220*480*155	60-76
AL-Auto Clean 60	18V 80W	5050	60W	6m	18m	12,000	12.8V /36Ah	1450*480*155	60-76
AL-Auto Clean 80	18V 100W	5050	80W	7m	20m	16,000	12.8V /42Ah	1770*480*155	60-76
AL-Auto Clean 100	18V 120W	5050	100W	8m	20-25m	20,000	12.8V /48Ah	2080*480*155	60-76



40W



60W



80W



100W



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Dimension

