

Apollo

Integrated solar street lights



LED & Optical

Output Range:	7,200-32,400lm
Photometric Options:	60°X120°
System Efficacy:	170~180LM/W
CCT:	2700K~6500K

Solar Panel

Type:	Mono Crystalline
Capacity:	40W~190W

Warranty

Standard:	3 years
------------------	---------

Operation Mode

By Time:	100%-4hrs, 50%-2hrs, 25%-6hrs
By PIR sensor:	100% when the sensor is triggered, 25% after stand-by time 20s
By Time & PIR:	100% when the sensor is triggered, 25% after stand-by time 20s-4hrs; 50% when the sensor is triggered, 12.5% after stand-by time 20s-2hrs; 25% when the sensor is triggered, 6% after stand-by time 20s-6hrs

*All setting can be done by single press from remote control.
*Remote control needs to be purchased separately.

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
----------------------	-----

Compliance Standards

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

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-Apollo 40	18V 40W	3030	40W	4-5m	15-20m	7,200	12.8V 24AH	780*405*200	60-90
AL-Apollo 60	18V 60W	3030	60W	5-6m	20-25m	10,800	12.8V 30AH	930*405*200	60-90
AL-Apollo 80	18V 80W	3030	80W	6-7m	20-25m	14,400	12.8V 36AH	1100*405*200	60-90
AL-Apollo 100	18V 100W	3030	100W	7-8m	25-30m	18,000	12.8V 48AH	1180*480*200	60-90
AL-Apollo 120	18V 120W	3030	120W	8-10m	25-30m	21,600	12.8V 60AH	Lamp: 1530*520*130 Sleeve: 710*420*310	60-90
AL-Apollo 150	36V 150W	3030	150W	11-12m	30-35m	27,000	25.6V 45AH	Lamp: 1470*615*110 Sleeve: 655*315*250	60-90
AL-Apollo 180	33V 190W	3030	180W	12-15m	35-40m	32,400	25.6V 45AH	Lamp: 1890*625*110 Sleeve: 655*315*305	60-90



Apollo

Integrated solar street lights

Dimension

