



CONCEPT LIGHTING
SDN BHD



Integrated Solar LED Street Lighting

APS-KM-120W

Solar Panel

Type	: Imported High Efficiency Monocrystalline Silicon
Max Power	: 18V 130W
Lifetime	: 25 Years

Battery

Type	: LiFePO4 Battery
Rating	: 12.8V 65AH
Lifetime	: 5 - 8 Years

LED Lamp

Max Power	: 120W
LED Chip	: SMD 3030
Chip Quantity	: 160 PCS
LED Efficacy	: 151 lm/W
Total Lumen	: 10440 lm
Lifetime	: 100,000 Hours
Viewing Angle	: TYPE 2

Ingress Protection

IP Protection	: IP66
---------------	--------

Charge Time

By Sun	: 4.5 Hours - 6 Hours
--------	-----------------------

Discharge Time

	: ≥ 3 Cloudy / Rainy Days
--	--------------------------------

Working Temperature

Range	: $-25^{\circ}\text{C} \sim +65^{\circ}\text{C}$
-------	--

Colour Temperature

Range	: 2700K - 6500K
-------	-----------------

Mounting Recommendation

Height	: 7 - 12M
Distance	: 27 - 41M

Casing Material

Aluminium Alloy

Motion Sensor Setting

15% Brightness on Standby,
100% Brightness on Induction,
Idle for 60 seconds, back to Standby Mode

Packing & Weight

Product Size	: 1830*388*60MM (Luminaire)
	: 585*125*320MM (Bracket)
Packing Size	: 1910*470*120MM (Luminaire)
	: 620*210*320MM (Bracket)
Net Weight	: 26.5KG (Luminaire)
	: 3.5KG (Bracket)
Gross Weight	: 28KG (Luminaire)
	: 4.5KG (Bracket)

* Size and weight may have a tolerance of +/-10%