



CONCEPT LIGHTING
SDN BHD



Integrated Solar LED Street Lighting

APS-KM-80W

Solar Panel

Type	: Imported High Efficiency Monocrystalline Silicon
Max Power	: 18V 100W
Lifetime	: 25 Years

Battery

Type	: LiFePO4 Battery
Rating	: 12.8V 45AH
Lifetime	: 5 - 8 Years

LED Lamp

Max Power	: 80W
LED Chip	: SMD 3030
Chip Quantity	: 160 PCS
LED Efficacy	: 162 lm/W
Total Lumen	: 8480 lm
Lifetime	: 100,000 Hours
Viewing Angle	: TYPE 2

Ingress Protection

IP Protection	: IP66
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Charge Time

By Sun	: 4.5 Hours - 6 Hours
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Discharge Time

≥ 3 Cloudy / Rainy Days

Working Temperature

Range	: -25°C ~ +65°C
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Colour Temperature

Range	: 2700K - 6500K
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Mounting Recommendation

Height	: 6 - 9M
Distance	: 23 - 34M

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	: 1530*360*60MM (Luminaire)
	: 585*125*320MM (Bracket)
Packing Size	: 1730*560*120MM (Luminaire)
	: 620*210*320MM (Bracket)
Net Weight	: 23KG (Luminaire)
	: 3.5KG (Bracket)
Gross Weight	: 24.5KG (Luminaire)
	: 4.5KG (Bracket)

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