



CONCEPT LIGHTING
SDN BHD



Integrated Solar LED Street Lighting

APS-KM-100W

Solar Panel

Type : Imported High Efficiency
Monocrystalline Silicon
Max Power : 18V 120W
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 12.8V 55AH
Lifetime : 5 - 8 Years

LED Lamp

Max Power : 100W
LED Chip : SMD 3030
Chip Quantity : 160 PCS
LED Efficacy : 155 lm/W
Total Lumen : 9800 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°C ~ +65°C

Colour Temperature

Range : 2700K - 6500K

Mounting Recommendation

Height : 7 - 10M
Distance : 25 - 30M

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*385*60MM (Luminaire)
: 585*125*320MM (Bracket)
Packing Size : 1910*470*120MM (Luminaire)
: 620*210*320MM (Bracket)
Net Weight : 25.5KG (Luminaire)
: 3.5KG (Bracket)
Gross Weight : 27KG (Luminaire)
: 4.5KG (Bracket)

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