



CONCEPT LIGHTING  
SDN BHD



## Integrated Solar LED Street Lighting

### APS-KM-20W

#### Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon  
Max Power : 18V 40W  
Lifetime : 25 Years

#### Battery

Type : LiFePO4 Battery  
Rating : 12.8V 20AH  
Lifetime : 5 - 8 Years

#### LED Lamp

Max Power : 20W  
LED Chip : SMD 3030  
Chip Quantity : 96 PCS  
LED Efficacy : 171 lm/W  
Total Lumen : 2580 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 : 6 - 7M  
Distance : 20 - 24M

#### 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 : 830\*330\*145MM  
Packing Size : 960\*400\*200MM  
Net Weight : 12KG  
Gross Weight : 13KG

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