



*Automatic switch
On/off function*



Long service life



*Integrated
photo sensor*



*Automatic dimming &
Motion detection option*



Configurable timer



*Environmentally
friendly*

R&D AT OUR OFFICE IN BANDAR BOTANIC



OUR ADDRESS

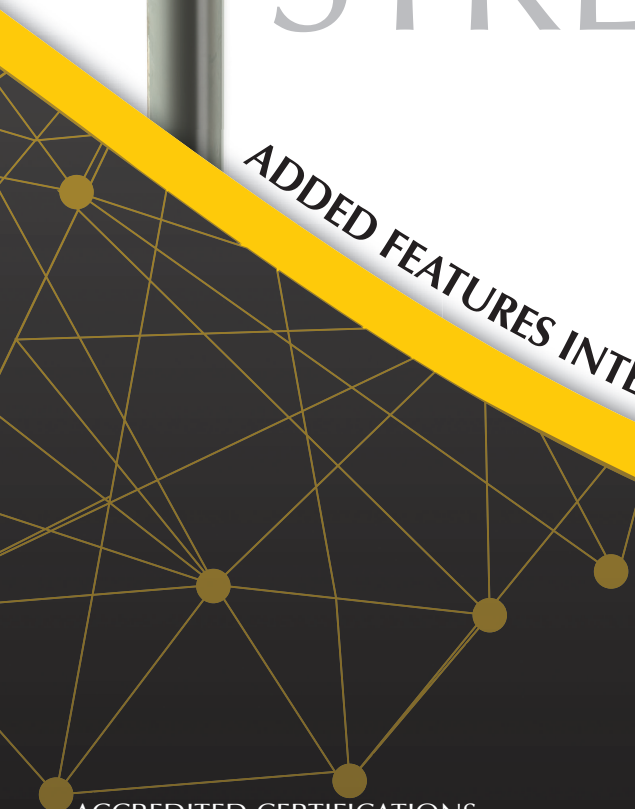
No. 13-1, Jalan Jasmine 3, Bandar Botanik, 41200, Klang, Selangor Darul Ehsan, Malaysia.

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INTEGRATED ALL IN ONE LED SOLAR STREET LIGHT

ADDED FEATURES INTELLIGENT REMOTE MONITORING SYSTEM



ACCREDITED CERTIFICATIONS

MAIN DISTRIBUTOR



ANGGUN REZEKI
SDN. BHD.
(1171513-U)



BERMUDAZ GROUP

PRINCIPLE MANUFACTURER

MASON LED



Pending for approval application submitted

We commit ourselves to R&D, manufacturing and technical innovation on PV module and solar power s

Characteristics:

- Solar panel, battery controller and LED lamp are integrated in one box, smart figure, rational structure, easy installation.
- Optimum system design, scientific and specific, to ensure the operating stability and reliability. High price-performance ratio.
- PIR Intelligent sensor and control management, advanced technology, simple maintenance.
- High luminous efficiency, long life-span, Eco-friendly.
- Easy to maintain and replacement.
- Intelligent energy distribution
- Gradient brightness between energy-saving mode and PIR sensor
- We provide customized system, OEM&ODM service.



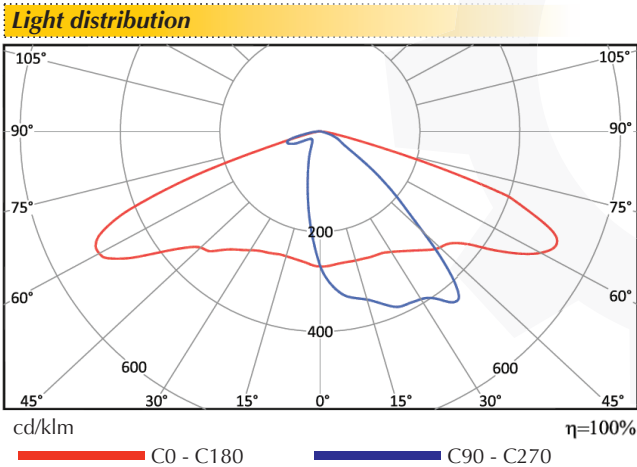
MS-SSL-30W

Configuration	
Model No.	MS-SSL-30W
Solar panel power	60W Mono crystalline
Battery type	High capacity lithium(12.8V/18AH)
Controller and sensor system	10A
Lamp power	30W
LED Luminous flux	100-120Lm/W
Working duration	Whole light and 3-5 cloudy/rainy days power back up after battery fully charged
Protection	IP 65 (applies to LED light, PV module, electronics, battery)
Recommended installation height	6 meters
Operating temperature	-20°C~+65°C
Dimensions	1070*360*50mm
Weight	11KGS
Packing	1130*415*120mm

Warranties	
General product warranty	5 years
PV module	10-year product warranty, 25-year linear performance warranty on 85% power output
LED light source	5 years
Battery	5 years

MS-SSL-60W

Configuration	
Model No.	MS-SSL-60W
Solar panel power	140W Mono crystalline
Battery type	High capacity lithium(25.6V/30AH)
Controller and sensor system	10A
Lamp power	60W
LED Luminous flux	100-120Lm/W
Working duration	Whole light and 3-5 cloudy/rainy days power back up after battery fully charged
Protection	IP 65 (applies to LED light, PV module, electronics, battery)
Recommended installation height	9 meters
Operating temperature	-20°C~+65°C
Dimensions	1480*665*50mm
Weight	25KGS
Packing	1530*710*120mm



Optional features and upgrades	
Batteries	90, 135 or 150 Ah
Pole length	4-10m
Pole fixation	Anchoring plate or anchor kit for poured concrete
LED power	30 - 60W
Colour temperature	3,000K, 4,000K and 6,5000K
Motion sensor	PIR/Configurable from 1 -15min

OPERATING MODE:

After installation, turn on the switch key and then unplug the key.

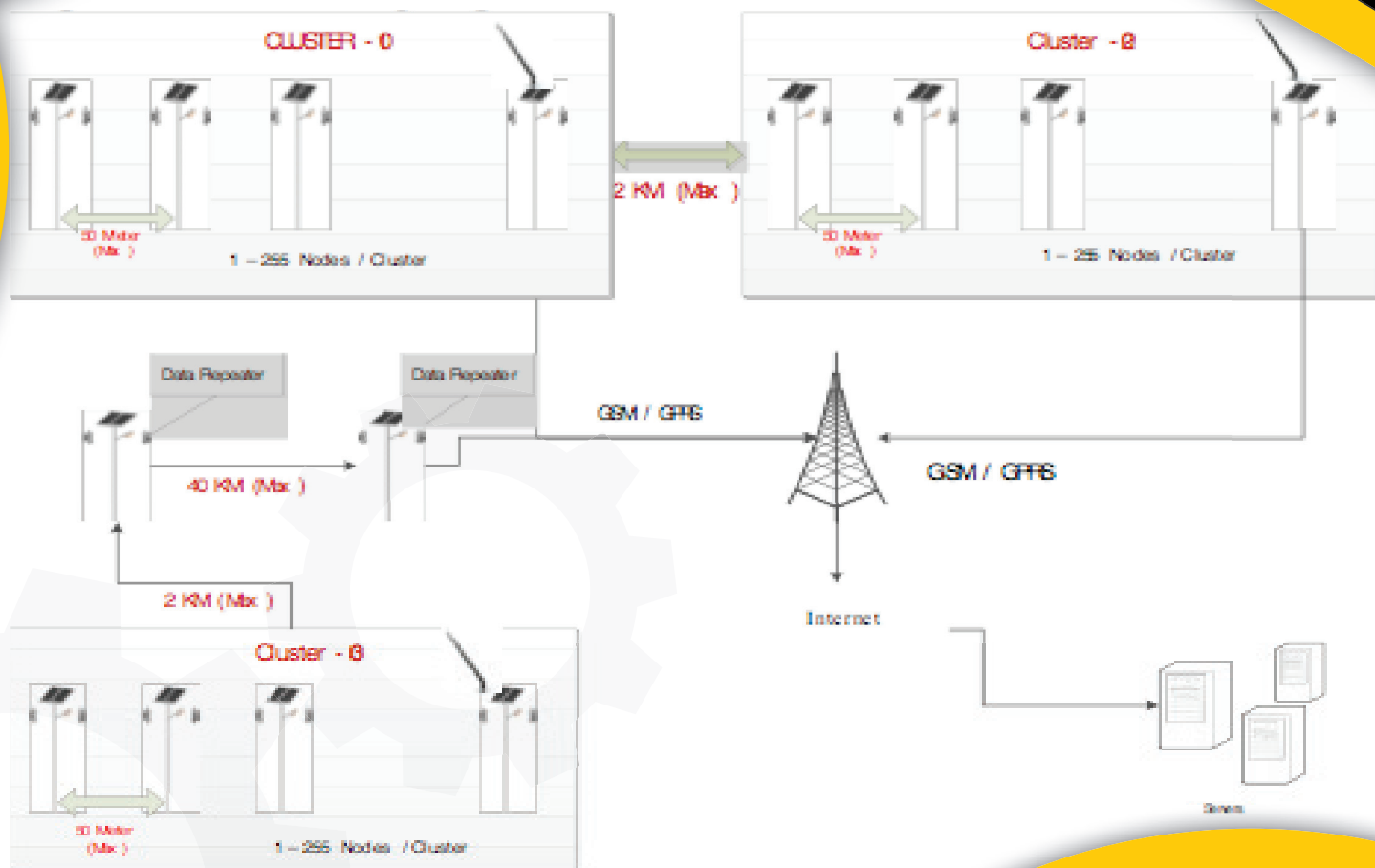
Under the normal situation the light working in the energy-saving mode, when someone pass by the light, it will work on 100% luminous.

The working duration is varied in different seasons, countries and regions.

Specifications subject to change without prior notice

system. To provide high quality products with various specifications for customers is always our pursuit.

INTELLIGENT REMOTE MONITORING SYSTEM



Cluster

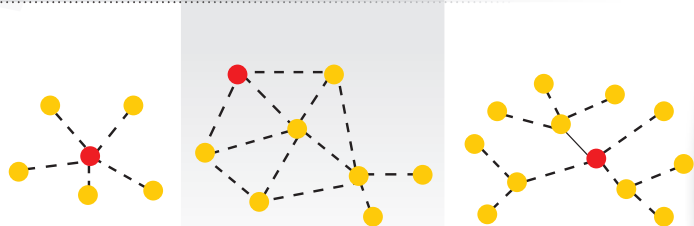
• A cluster of solar lights means is group of 1 to 255 solar lights, which may be separated 50 meters as maximum distance from each other, this may not be necessary all of them placed in linear order, they can scatter in any manner, but the distance has to be maintained

Communication mode

• We use 433 MHz inbuilt RF communication; we need not to interface any external hardware.

Wireless module network structure

Star-shaped type Net-shaped type Tree-shaped type



Network structure

- Centralized Manager
- Wireless Module

