

# LC-ATHENA AI-GL600R

SOLAR GARDEN LIGHT

**LED**  
LAMP

**18W**  
SOLAR PANEL

**IP65**

ALUMINIUM  
MATERIAL

BLACK  
COLOR

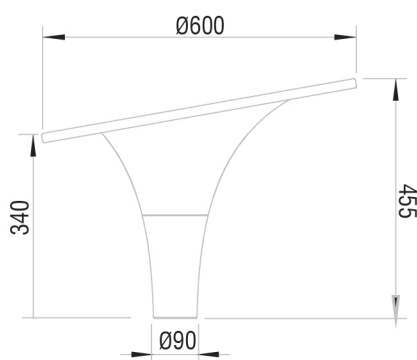
Monocrystal  
SOLAR TYPE



## SOLAR PANEL

TYPE	MONOCRYSTALLINE SILICON SOLAR CELLS
MATERIAL	SILICON
POWER EFFICIENCY	17%- 20%
LIFETIME	25year+

## DIMENSION (Unit mm.)



## SPECIFICATION

Material	: Die-casting aluminum+polycarbonate
Color	: Black
Lamp size	: Ø600 x H455 mm.
LED source	: 128pcs smd3030
LED power	: 18W max
Luminous flux	: >2,800lm
CCT	: 3000K-6000K
CRI	: >83
Default light program	: 4H 100%+4H 50%+5H 30%
Motion sensor mode	: 30%+100% triggered sensor
Sensor type	: Microwave sensor
Battery	: 12.8V 12Ah lithium battery
Battery lifetime	: >3000 cycles D.O.D : 70%
Charge controller	: MPPT 97%
Solar Panel	: 42W 18V monocrystalline
Brightness level	: 20%, 40%, 60%, 80%, 100%
Working time options	: 4Hours / 6Hours / 12Hours
Working Temp.	: -20°C~70°C
Remote control	: PIR
IP	: 65
Pole diameter to install	: Ø90mm.
Net weight	: 11.5Kg
Gross weight	: 12.80Kg
Warranty	: 3 Years

## Performance

### CHANGE COLOR

The color is switchable between daylight 6000K ( or cool white 4000K) and warm white 3000K. Easy to set by remote as required. Winter with warm white and Summer time with cool white. Creating a comfortable atmosphere freely.

### CHANGE POWER

The power is changeable as 20%, 40%, 60%, 80%, and 100% to adjustable according to the local solar radiation to save energy, guaranteeing the lighting service is always there even in very challenging conditions.

### CHANGE MODE

The default setting is continuous lighting with fixed brightness, also motion sensor function is available. The luminaire works with 30% power normally and works with 100% power when the motion sensor is triggered at people come by. Saving more power with longer battery backup.

### CHANGE TIME

Different lighting time durations are available as 4 hours, 6 hours, and 12 hours optional to meet different requirements. This helps to save more energy and extend the lifetime of light as well as more days backup.