

ezZO LED Lights.

Ez- Solar Panel Controller .



No Ultraviolet or Infrared Emission

Can be used in both 12V and 24V system different protections for the battery Street Lamp Controller (Ez-WS voltage regulator, lamp part, light controller) is the newest patent products of the Blue light Company, which fits for the solar lighting system that is automatically controlled below 280W for both lighting and solar panel.

Functions:

1. It can prevent the battery from over-charging and over-discharging.
2. It can prevent reverse charging (the battery charges the solar

panel).

3. It can prevent reverse connection of the battery and solar panel.
4. It will start up the lighting system in the evening automatically according to the intensity of the light.
5. It will shut down the lighting system according to the time setting or shut down the lighting system automatically when it is dawn.
6. It has a LED indicator of the working condition of charging and discharging:
 - 1) One piece of Charge Indicator LED (mark: Charge). When it is bright, the battery is charged strongly, flickeringly means floating charge, no light means stop charging.
 - 2) One piece of Load Indicator LED (mark: Light). When it is bright, there is output and load can work; if LED goes out, means there isn't output and the load cannot work.
 - 3) Battery indicator: red under =voltage Green =full Yellow =normal

AINOS THEOS SDN. BHD.(867821-M)

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The Parameter Sheet:

Model	WS-L2415 6A	WS-L2415 10A	WS-L2415 15A
System voltage	12V/24V Automatic distinguish voltage		
Max charge current	6A	10A	15A
Max discharge current	6A	10A	15A
Charge off voltageHVD	14.4V/28.8V		
Low Voltage DirectiveLVD	10.8/21.6V		
Low Voltage RestoreLVR	11.8V/23.6V		
Light operate	light control turn on + light control turn off		
Light time control	Light control turn on/off + time control turn on/off		
Time control classification	0.5 hours started, half an hour of one grade ,up to 10 hours		
Output route	single bulb		
Ambient temperature	-25---+55° C		
Safe degree	IP55		
Quiescent dissipation	24mA		
Max loop voltage drop	350 mV		

CERTIFICATION: CE, RoHS - Size: 134 x 100 x 31mm - Weight 240g

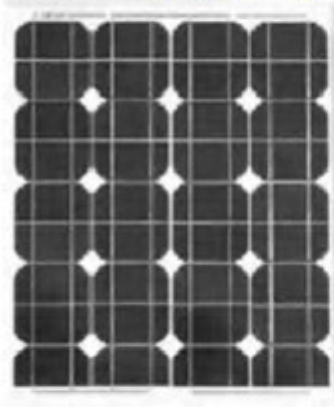
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Ez-MC 20W Mono-crystalline Modules - 640.306.18. LED light.



Applications: Street Lamp, Walk Way Lamp, Sign Board.

Features

Model	CNCB20W-12	CNCB40W-12
Nominal power Pm	20Wp	40Wp
Power allowance	±10%	±10%
Optimized working voltage Vm	17.5V	17.2V
Optimized working current Im	1.14A	2.33A
Open circuit voltage Voc	21.9V	21.8V
Short circuit current Isc	1.19A	2.54A
Module efficiency	10.20%	11.70%
Withstanding voltage	DC715V	DC715V
Dimension of module (mm)	640*306*18	630*541*30
Net weight (kg)	2.5	4.5

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Outdoor F6 - 10W-115105.6L. LED light.



Efficacy:

Warm White	95lm/W
Neutral White	105lm/W
Cool White	105lm/W

Color Temperature:

Warm White	2800K – 2950K
Neutral White	4100K – 4300K
Cool White	6000K – 6500K

Color Rendering Index (CRI):

Warm White	≥ 75
Neutral White	≥ 75
Cool White	≥ 75

Life span:

30,000 hours
70% lumen Maintain
Die-Cast Aluminum

Housing Material:

Base Holder:

Wall Mouth and Floor Spike

Beam Spread:

35° , 60° , 80° (Flood)

Temperature/Housing:

Ambient -20C° – 40C° / Surface of Lamp 50° - 60°

Dimming function:

Non Dimmable

Voltage:

110Vac – 250Vac@ 50Hz – 60Hz

Measurement:

Housing Face width:	115mm
Housing Height:	105mm
Wire Length:	305mm

Weight:

0.50Kg

Warranty:

Limited Warranty 3 Years on LED.

Model Available: 6W and 12W

Color: Dark sand blast, Gray sand blast (Die-Cast Aluminum,)

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Applications:

Outdoor Flood Garden Lights, Indoor Flood Lighting
Wall Way Area, Porch Lights Area, Car park gate flood.

Features

Lumen Output:

Warm White (CCT – 2800K – 2950K)	570lm
Neutral White (CCT – 4100K – 4300K)	630 lm
Cool White (CCT - 5500K – 5800K)	630 lm

Equivalent Source:

Tungsten Bulbs PAR 80W

Power Consumption:

8 Watts

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