

LEADSUN

"Bright Ideas For An Even Brighter Future"



DESIGNED IN AUSTRALIA



LIVESUN LINK LIGHT SERIES

The worlds most intelligent
solar powered lighting system



www.leadsun.com.au

THE LEADSUN ADVANTAGE

1 Sensor

'Smart eye' Motion Sensor
Built-in Passive Infrared Motion Sensor automatically regulates light output.

2 LED Lamp

Round Beam lighting distribution.

3 Battery

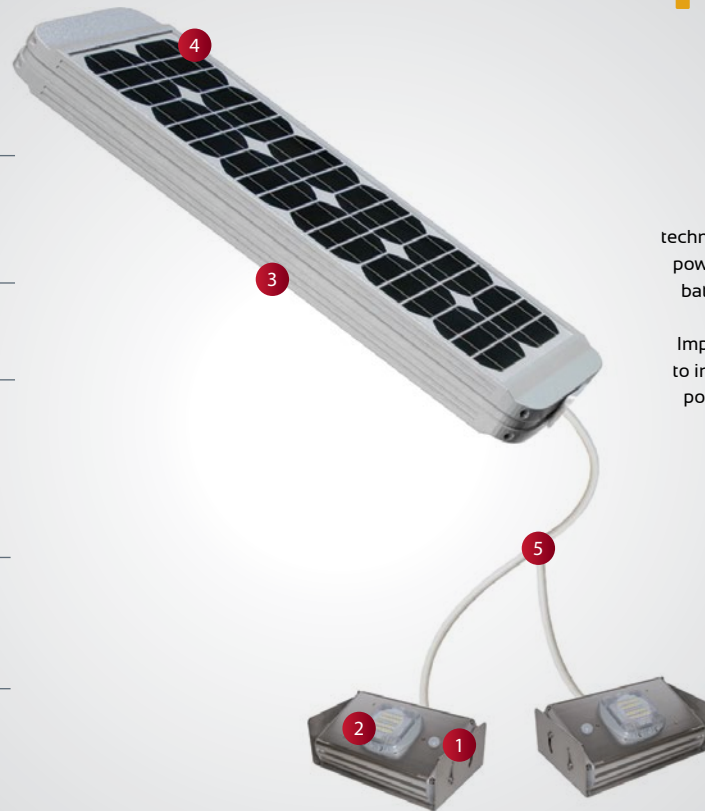
Lithium Iron Phosphate (LiFePO4)
New generation 'Lithium iron phosphate' (LFP) battery's offers 3 times more storage and power capacity versus traditional Lead Acid battery's.

4 Solar Module

Mono Crystalline Silicon P.V Module, highly efficient and tolerant to heat providing more output on a smaller footprint.

5 Splitter and Joiner cable

With the splitter cable option, you can have up to 5 light heads working off 1 solar panel.



The LINKLIGHT capitalises on LEADSUN's advanced patented 'All-In-One' solar module technology that fully integrates a highly efficient and powerful solar panel, compact Lithium-ion LiFePO4 batteries and a smart power management system.

Importantly, not only is the system easy and fast to install with its plug and play type wiring, it is also powerful enough to illuminate open areas without the need for any mains powered wiring.



WIDESPREAD APPLICATIONS

- Underpass Walkways
- Public Toilets
- Lane Ways
- Portable Buildings
- Picnic Shelters
- Covered Walkways
- Bus Shelters
- Pavillions



SMART EYE MOTION DETECTION



SMART EYE MOTION DETECTION Powered by Panasonic.

The lighthouse comes complete with a built-in motion detection system that automatically regulates the light source from full brightness (100%) to the energy saving output (30%).

The duration of full brightness is dependent on the level of movement activity within the detection area of the fixture.

This key feature not only preserves battery life but can also serve as a security purpose by deterring unsociable activity in public areas.

LED & LIGHT MANAGEMENT



Multi Adaptable fixing options with theft proof bolts



Rotating Bracket allows for easy installation and service access

BATTERIES & CHARGING UNIT

LEADSUN uses new-generation, high quality LiFePO4 batteries manufactured to exacting standards for high power applications and longevity.

Key benefits include enhanced safety, strong thermal stability, tolerance to abuse and a high current rating. Lithium batteries are much lighter and more compact than lead acid batteries; They also take higher voltage under load and offer extensive cycle life. Lithium batteries are also fully recyclable, making them the smart choice for our precious environment.

Leadsun's batteries are charged for maximum efficiency using our integrated charging circuit that constantly monitors the state of the batteries; this optimizes the charging levels while protecting them against thermal overload, over-charge, over-discharge and accidental short circuit. The batteries can operate in temperatures from -20 to +60 degrees 'C'.



Technical Data

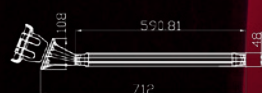
Model No.	SOLAR PANEL AND BATTERY			
	AE2S18B8	AE2S25B10	AE2S36B16	AEIS45B16
Physical Specification				
Solar Module	18W	25W	36W	45W
AC Input	N/A	N/A	N/A	N/A
IR Sensor	Yes	Yes	Yes	Yes
IP (weather Rating)	IP55	IP55	IP55	IP55
Net Weight	6.6Kg	7.6Kg	9.5Kg	10.5Kg
Dimension (mm)	712x306x78	842x306x78	1356x306x78	1215x306x78
Lithium LiFePO4 Battery Size (12.8V)	7.8AH	10.4AH	15.6AH	15.6AH
Environment Rating				
Work Temp.	0°C ~ +60°C			
Charge Temp.	-20°C ~ +60°C			
Discharge Temp.	-20°C ~ +60°C			
Storage Temp.	-20°C ~ +45°C			

Model No.	LIGHT HEAD
	LSL4-12
Light Output	
LED	4W
Light Efficiency	120 lm/W
Light Distribution	Samsung
Visual Angle	120°
Color Temperature	5000-6000K
Physical Specification	
Adjustable Housing	Marine Grade stainless steel up 30 degree title
Net Weight	3kg
Dimension (mm)	110 x 177 x 270 (Light Housing)

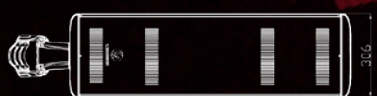
Part No.	OPTIONAL CABLES			
	JC.1	JC.2	JC.5	SC.1
Cables Lengths	1m	2m	5m	Splitter cable 1m

Dimensions

SOLAR ENGINE



AE2S18B8



AE2S36B16

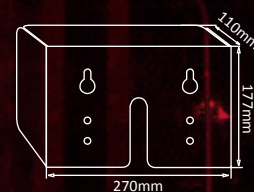
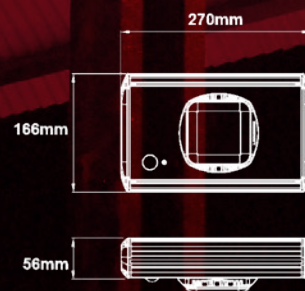


AE2S25B10



AEIS45B16

* (Pole mounting bracket not available)



Lighthouse Housing Stainless Steel

* (Anti theft light cage available)

* LEADSUN reserves the right to amend and improve the appearance, construction and function without any prior notification.

LEADSUN

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The Lighting Society

