

# AEROMAX

## MODULAR SOLAR LIGHT + ENERGY STORAGE SYSTEM



- ✓ **MARINE GRADE EXTERIOR COATING**
- ✓ **INTERCHANGABLE LEDIL OPTICS**
- ✓ **ADVANCED POWER SCALING**



SILVER  
RAL 7000



MATT BLACK  
RAL 9011



**THE LAST SOLAR LIGHT  
YOU'LL EVER NEED.**

A complete game changer bringing together a fully scalable solar light and energy storage system.

The AEROMAX is a split system solar light with a versatile modular design capable of harvesting and storing power for use by external devices.

The standard unit has a high efficiency 110W<sub>p</sub> solar panel with upgradable power storage options.




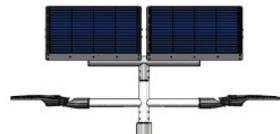
The Aeromax can also be twin mounted to double the solar panel harvest capacity to 220W<sub>p</sub> allowing extended operation for over 15 nights without requiring any further charge from the sun\*.

**60W /  
11,220LM**

**15+ NIGHTS  
AUTONOMY\***

**SIMPLE TO  
INSTALL**

**10 YEAR  
WARRANTY**

MODEL	AEROMAX	AEROMAX PLUS	AEROMAX PRO	AEROMAX DUAL	AEROMAX DUAL PLUS	AEROMAX DUAL PRO
						

### LED

Type	CREE® XP-G3
Watts (Light Output)	4-60W (Max)
Lumen	11,220 lm (Max)
Colour Rendering	CRI 70+
CCT	4000K (Optional 2700K, 3000K, Wildlife / BAT / Turtle friendly)
Lens Type	LEDiL® T3 type (Optional T2, T5)
PIR Boost Power (W)	Factory set 0 / 4 / 6 / 8 / 10 / 12 (16W default)
PIR Detection Range	<12m (39') detection zone - PIR boost active until 30 sec. with no movement detected
Operating Profile	Automatic operation dusk to dawn. Customised program settings for ON / OFF / DIM times

### SOLAR PANEL

Watts	110Wp mono-crystalline	220Wp mono-crystalline (Dual models)
Efficiency	21%	
IK Impact Rating	IK10	
Bird Spikes	Stainless steel (optional)	

### BATTERY

Type	LiFePO <sub>4</sub> Passive cell balancing technology / Individual cell monitoring / Deeper discharge cycles					
Quantity	1	2 (Plus)	3 (Pro)	2 (Dual)	4 (Dual Plus)	6 (Dual Pro)
Capacity (Wh)	460.8	921.6	1382.4	921.6	1843.2	2764.8
Autonomy @ 15W (Wh)	30.7	61.4	92.2	61.4	122.8	184.3*

### CHARGE CONTROLLER

Solar Controller	MPPT Type with temperature and short circuit protection. Fully programmable for custom settings.
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### ENVIRONMENTAL

Operating Temp. Range	-20°C to 60°C   -4°F to 140°F
IP Rating	IP-65

### POWER MODULE

Material	Aluminium Alloy					
Colour	Black (RAL 9011) / Silver (RAL 7000)					
Mounting Angle	Mounting Angle Adjustable -90° to +90°					
DC Port	Power Output 11-15VDC, 3A max   Charging Input 15VDC, 3A max					
Sail Area / EPA	0.05m <sup>2</sup> / 0.54 ft <sup>2</sup> (0° Tilt) to 0.46m <sup>2</sup> / 4.95 ft <sup>2</sup> (60° tilt)			0.10m <sup>2</sup> / 1.08 ft <sup>2</sup> (0° Tilt) to 0.92m <sup>2</sup> / 9.90 ft <sup>2</sup> (60° tilt)		
Module Dimensions	739L x 722W x 66H mm   29.09"L x 28.43"W x 2.60"H			1494L x 722W x 66H mm   58.82"L x 15.19"W x 2.63"H		
Module Weight	23 kg (50.71 lb)	30 kg (66.14 lb)	33 kg (72.75 lb)	46 kg (101.41 lb)	60 kg (132.28 lb)	66 kg (145.50 lb)

### WARRANTY

Warranty Period	10 years / 25 years solar panel – full warranty details available upon request
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