

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 power module has a high efficiency 110W_p solar panel with upgradable battery storage options.




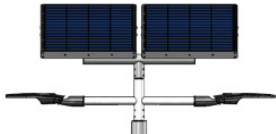
The Aeromax can also be twin mounted to double the solar panel harvest capacity to 220W_p allowing extended operation for over 15 nights without requiring any further charge from the sun*.

**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 ₄ 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 ² / 0.54 ft ² (0° Tilt) to 0.46m ² / 4.95 ft ² (60° tilt)			0.10m ² / 1.08 ft ² (0° Tilt) to 0.92m ² / 9.90 ft ² (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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