

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_p solar panel with upgradable power storage options.




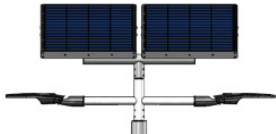
The Aeromax can also be twin mounted to double the solar panel harvest capacity to 220W_p allowing extended operation for over 15 nights without requiring any further charge from the sun*.

**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. |
|------------------|--|

ENVIRONMENTAL

| | |
|-----------------------|-------------------------------|
| Operating Temp. Range | -20°C to 60°C -4°F to 140°F |
| IP Rating | IP-66 |

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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