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WAL-RPS-WLM-2XWP60E-1.5K-HD-120V-5C

120W Rechargeable LED Light - (2) Lamps - 1,500Wh Li-ion Battery - Portable Storm Case - 5' Cord

Product ID: 223182

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

WAL-RPS-WLM-2XWP60E-1.5K-HD-120V-5C Rechargeable LED Light

Unit Type: Battery-powered LED Light

Total Weight: -

Battery Specs

Battery Type: Li-ion Battery
Battery Capacity: 1,500Wh
Rated Output Power: 500W
Peak Output: 700W
Output Voltage: 120V AC
AC Charge Input Voltage: 120V AC
AC Max Efficiency: 92%
PV Charge Max Input Power: 210W
PV Charge Start-up Voltage: 18V DC
PV Charge MPPT Input Voltage: 18~50V DC
PV Charge MPPT Efficiency: 99.50%
AC Output Socket/Charging Cable: Type G
Battery Casing: Portable Storm Case
Case Temperature Range: -29°C to 60°C

Lamp Specs

Lamp Type: CREE LED
Dimensions: W-9" D-3.25" H-6.5"
Voltage: 120V AC 50/60Hz
Total Watts: 120W (60 Watts per Lamp)
Total Lumens: 10,800

Ratings/Approvals

Waterproof/Vapor Proof LED Lamps
Impact/Vibration Resistant Construction
ETL Approved for Wet Locations
Rechargeable/Swappable Battery
IP68 Waterproof
Padlockable Storm Case

Luminous Efficacy: 90 lm/w
LED Life Expectancy: 50,000+ hours
Color Temp: 5600K, 4000K or 3000K
Color Rendering Index: 80
Beam Angle: 60° Vertical, 75° Horizontal
Lighting Configuration: Flood Beam
Power Efficiency: >95%
Power Factor: 0.992
Amperage: 0.5A @ 120V, 0.25 @ 240V
Ambient Temp Range: -25°C to +60°C
Housing Material: Cast Aluminum
Lens Material: Polycarbonate
Wiring: 50` 16/3 SOOW Cord - 5` Input Power Cord w/ 5-15P
Cord Cap: 5-15P
Mount: Wall Mount Brackets

Special Orders - Special Requirements
Contact us for special requirements

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The WAL-RPS-WLM-2XWP60E-1.5K-HD-120V-5C Rechargeable LED Light is designed for remote indoor/outdoor environments and industrial facilities. This 120-watt unit is powered by a 1,500Wh li-ion battery that is rechargeable via common 120V AC wall outlets or customer-provided solar panels. Protected by a portable storm case, operators may swap the battery pack out for long, sustained lighting requirements.
The WAL-RPS-WLM-2XWP60E-1.5K-HD-120V-5C is a portable lighting solution for demanding work sites and remote locations. Consisting of two LED lamps for a combined total of 10,800 lumens, an external, rechargeable battery pack powers the luminaries and includes a removable input power cord equipped with a 5-15P cord cap for recharging. Operators may recharge the power cells by plugging into standard 120V AC wall outlets. Alternatively, it would also be possible to swap the battery pack out for longer runtime.
The two lamps consist of six LEDs each, housed within a waterproof aluminum housing that is powder coated for added durability and resistance to corrosion. The housing incorporates integral cooling fins for efficient heat dissipation and increased LED longevity. The LED lamp assemblies are protected by a shatterproof polycarbonate lens which is secured to the housing with a waterproof seal. A 1/2" waterproof connector provides a secure and sealed power connection point and rounds out this unit`s weather resistant construction.
LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current applied and emitting light. With LED lights, there is no warm up time or cool down time before re-striking and provide instant illumination when powered on, adding to the reliability of LED technology. By nature, LED light sources run significantly cooler than traditional lamps, reducing the chance of accidental burns and increased temperatures due to heat emissions. This solid state design of light emitting diodes provides a more reliable, stable, durable, and energy efficient light source over traditional lighting.



Click Photo to Enlarge



Click Photo to Enlarge

Battery Pack: The WAL-RPS-WLM-2XWP60E-1.5K-HD-120V-5C is powered by a rechargeable li-ion battery with 1,500Wh capacity. The battery pack includes a 5

foot removable input cord with a 5-15P cord cap for recharging. Illuminated green indicators display the charging status of the unit when it is in use. A button activation system allows operators to toggle the power of the battery pack on/off. The battery pack is protected by a portable storm case, which features two padlockable hasps and two press/pull latches that lock automatically. A double-layered, soft-grip handle is available for seamless transportation from one location to another. Constructed of injection molded high performance resin with EPDM O-rings and stainless steel pins, the casing is watertight, dustproof and crushproof, making it suitable for indoor/outdoor applications and rugged locations. The portable storm case is designed for environments ranging between -29°C to 60°C. Standard output power for the battery pack is 500W with peak output reaching 700W. The component supports 120V AC output. This unit can be charged using solar panels (PV) or standard AC power from a mainstream 120V outlet. For sustained illumination, it would be possible to swap the battery pack for another BPLI-1.5K power cell. For such requirements, it is recommended to purchase several BPLI-1.5K units.

Mounting/Wiring: The LED lamps are mounted on an industrial wall mount bracket using L brackets with thru holes on each side to secure the unit to the wall. Once this surface mount is installed, the lights can be pivoted up and down via their own trunnion brackets - 360/180 degrees of rotation and tilt to allow the user to position the unit as desired. A 50` 16/3 SOOW cord with a 5-15P cord cap is available for connection to the battery pack. The battery pack includes an additional 5 foot removable input power cord equipped with a 5-15P cord cap for recharging. Operators may plug into a standard 120V AC outlet to recharge the battery.

Applications: Industrial sites, remote locations, indoor/outdoor lighting, temporary lighting, construction sites, maintenance/repair projects, warehouse lighting, outdoor events and more.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)

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Product ID: 223182

Export Control Classification Number (ECCN): EAR99

Options:

WAL-RPS-WLM-2XWP60E-1.5K-HD-120V-5C-Color Temp

Example: WAL-RPS-WLM-2XWP60E-1.5K-HD-120V-5C-56K

Color Temp	
5600K	-56K
4000K	-40K
3000K	-30K

Links (Click on the below items to view):

- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**