

***Energizer***<sup>®</sup>



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| Pro Series Hybrid Handheld (2AA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | YPHH21 |
| <div data-bbox="0 89 2212 178" data-label="Image"> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |        |
| <div data-bbox="0 178 2212 300" data-label="Section-Header"> <div>MARKETING INFORMATION AND CLAIMS</div> <div>Product Description</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |
| <div data-bbox="0 300 2212 730" data-label="Text"> <p>A new range of quality, professional-grade lights designed with performance, flexibility and durability to meet the tough standards and demands while on the job! Energizer Pro series lights have powerful LED technology that includes High CRI for high-definition color clarity. The Energizer Pro Series Hybrid Handheld provides the flexibility of hybrid power to ensure you always have power and light when you need it! This series of lights are durable, waterproof, dustproof, &amp; IP67 to withstand demanding conditions. The design provides a steady base for hands-free operation or storage, a large push button switch that is easy to use with gloves on, plus the comfortable non-slip grip handle makes it easy to carry. Plus, a pouch is included to easily store your light, batteries, cartridge, &amp; charging cable all in one place!</p> </div> |        |
| <div data-bbox="0 730 2212 1193" data-label="List-Group"> <div>DESIGN FEATURES AND BENEFITS</div> <ul style="list-style-type: none"> <li>✓ Hybrid Power: Rechargeable &amp; also runs on 2AA batteries</li> <li>✓ Large push button switch easy to use with gloves</li> <li>✓ High CRI High-definition color clarity</li> <li>✓ Pouch Included</li> <li>✓ Rechargeable power gauge/battery life indicator</li> <li>✓ Non-slip grip</li> <li>✓ Magnet for storage or handsfree usage</li> <li>✓ Bright color to easily find light in toolbox</li> </ul> </div>                                                                                                                                                                                                                                                                                                                                                                          |        |
| <div data-bbox="0 1193 2212 1559" data-label="List-Group"> <div>PERFORMANCE FEATURES AND BENEFITS</div> <ul style="list-style-type: none"> <li>✓ Waterproof and Dustproof (IP67)</li> <li>✓ 4 Modes (High, Medium, Low, Strobe)</li> <li>✓ Next press off</li> <li>✓ Durable 3m drop with rechargeable batteries (5m on primary)</li> </ul> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |
| <div data-bbox="0 1559 2212 1624" data-label="Page-Footer"> <div>This datasheet contains information specific to products manufactured at the time publication. Contents do not constitute a claim or warranty.</div> <div>©2023 Energizer</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |



OPERATION

| Modes and Features |                        |   |                                          |  |                        |  |                |  |             |
|--------------------|------------------------|---|------------------------------------------|--|------------------------|--|----------------|--|-------------|
| X                  | High Spot              |   | High Flood (Wide)                        |  | Warm Mode              |  | Red            |  | Area High   |
| X                  | Medium Spot            |   | Medium Flood (Wide)                      |  | Cool Mode              |  | Red Flashing   |  | Area Medium |
| X                  | Low Spot               |   | Low Flood (Wide)                         |  | Warm and Cool Together |  | Green          |  | Area Low    |
|                    | Ultra Low Spot         |   | Emergency Strobe (>5hz see warning copy) |  |                        |  | Green Flashing |  | Nightlight  |
|                    | Press and Hold Dimming | X | Safety Flashing <5Hz                     |  |                        |  | SOS            |  |             |

OPERATING INSTRUCTIONS

Press button 1 time to turn on High.  
Press button 2 times to turn on Medium.  
Press button 3 times to turn on Low.  
Press and hold button in any mode for safety flasher.  
Press button in any mode after 2s to turn off.

BATTERY CHANGING or CHARGING INSTRUCTIONS

1. Unscrew battery cap to access batteries.
2. Remove rechargeable battery and cartridge to charge battery with included charge cord. Battery indicator on cartridge will flash red when charging, solid red when complete.
3. When using the USB charge out to a device, a green solid LED will illuminate.
4. Primary batteries may be used with respective cartridge to use light while recharging. Battery indicator does not operate with primary batteries.

BATTERY CHARGE INDICATOR

1. Indicator is located above the on/off button.
2. Indicator will operate with rechargeable batteries only.
3. Green for >50% Rechargeable Battery capacity.
4. Yellow 25%-50% Rechargeable Battery capacity.
5. Red >25% Rechargeable Battery capacity.
6. Flash Red >10% Rechargeable Battery capacity.



ENGINEERING DATA

| ANSI PERFORMANCE DATA      |         |               |      |               |
|----------------------------|---------|---------------|------|---------------|
| Lumens                     | Runtime | Beam Distance | Drop | Water Ingress |
|                            |         |               |      |               |
| *5m with primary batteries |         |               |      | IP67          |

| BATTERY PERFORMANCE |             |                  |                   |
|---------------------|-------------|------------------|-------------------|
| Battery Type        |             | ENR Max Alkaline |                   |
| Modes               | Lumens (lm) | Runtime (h)      | Beam Distance (m) |
| High                | 150         | 5                | 90                |
| Medium              | 75          | 25               | --                |
| Low                 | 35          | 55               | --                |

| BATTERY PERFORMANCE |             |                           |                   |
|---------------------|-------------|---------------------------|-------------------|
| Battery Type        |             | Lithium Ion 18650 2600mAh |                   |
| Modes               | Lumens (lm) | Runtime (h)               | Beam Distance (m) |
| High                | 500         | 9                         | 200               |
| Medium              | 250         | 12                        | --                |
| Low                 | 100         | 32                        | --                |

| BATTERY PERFORMANCE |             |                     |                   |
|---------------------|-------------|---------------------|-------------------|
| Battery Type        |             | Lithium Primary L91 |                   |
| Modes               | Lumens (lm) | Runtime (h)         | Beam Distance (m) |
| High                | 150         | 30                  | 90                |
| Medium              | 90          | 60                  | --                |
| Low                 | 45          | 90                  | --                |

| PRODUCT SPECIFICATIONS |        |       |       |        |        |    |
|------------------------|--------|-------|-------|--------|--------|----|
| Weight:                | 172    | grams | 6.2   | ounces |        |    |
| Dimensions:            | Length |       | Width |        | Height |    |
|                        | 188    | mm    | 38    | mm     | 41     | mm |
|                        | 7.4    | In    | 1.5   | In     | 1.6    | In |

Weight does not include user replaceable batteries (unless specified)

| BATTERY SPECIFICATIONS |                                   |       |       |                   |     |
|------------------------|-----------------------------------|-------|-------|-------------------|-----|
| Quantity:              | 2                                 | Size: | AA    | User Replaceable? | Yes |
| Type:                  | Primary Cylindrical               |       |       |                   |     |
| Quantity:              | 1                                 | Size: | 18650 | User Replaceable? | Yes |
| Type:                  | Rechargeable Lithium-Ion Capacity |       |       |                   |     |

| ELECTRICAL CHARACTERISTICS    |  |                             |                    |
|-------------------------------|--|-----------------------------|--------------------|
| Nominal Power Consumption:    |  |                             | 6.6W               |
| Batteries:                    |  | 2 AA Energizer E91 3.0V dc  |                    |
| LED Specifications:           |  | LED 3.0V cc / 2200 mA       |                    |
| Rechargeable Input Voltage:   |  | 5VDC 1A                     | Output Voltage: NA |
| Time to Charge                |  | 5 hours                     |                    |
| Contains magnets?             |  | Shatterproof Lens:          |                    |
| Yes                           |  | Yes                         |                    |
| LED CCT                       |  | LED CRI                     |                    |
| 5000K                         |  | 90+                         |                    |
| Additional Ingress Protection |  | Other (Impact Testing, etc) |                    |
| IP6                           |  | --                          |                    |

| Regulatory Information      |                      |                                                       |  |             |                                   |  |         |                                       |
|-----------------------------|----------------------|-------------------------------------------------------|--|-------------|-----------------------------------|--|---------|---------------------------------------|
| CERTIFICATES AND COMPLIANCE |                      |                                                       |  |             |                                   |  |         |                                       |
| Global Certifications       |                      |                                                       |  |             |                                   |  |         |                                       |
| X                           | EMC<br>EN62471       | Global                                                |  |             |                                   |  |         |                                       |
| X                           | FCC                  | Tested on all product globally required for USA only. |  |             |                                   |  |         |                                       |
|                             | ASTM F963<br>Ages 3+ | Global- All products marketed to children             |  |             |                                   |  |         |                                       |
| Regional Certifications     |                      |                                                       |  |             |                                   |  |         |                                       |
|                             | RCM                  | Australia-Rechargeable products                       |  | NOM         | Mexico—All Lights                 |  | CNS     | Taiwan-All rechargeable products      |
|                             | EAC                  | EU-Rechargeable products                              |  | InMetro     | Brazil-AC Plug In Rechargeable    |  | KC Mark | South Korea-All rechargeable products |
|                             |                      |                                                       |  | UL/S Mark   | Argentina-AC Plug In Rechargeable |  |         |                                       |
|                             |                      |                                                       |  | Triman Logo | France—All lights                 |  |         |                                       |



| REQUIRED REGULATORY INFO                                                                                                                                                                                                                                                            |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Tested according to ANSI FL1 Standards.                                                                                                                                                                                                                                             |  |
| This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. |  |

| PRODUCT WARNINGS and/or DISCLAIMERS                                                                                                                                 |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 5m drop with primary batteries only.                                                                                                                                |  |
| To replace lithium-ion battery use button top 18650 with 2600 mAh capacity and over charge/discharge protection only. Performance may vary with substitute battery. |  |