The Litetronics Emergency Battery Backup provides peace of mind in times of power loss, delivering up to 23 watts for 90 minutes with no light degradation.

Options are available for both on-unit (EB23UQ) and remote (EB23UQB) installations, ensuring compatibility across a wide range of luminaires and retrofits. Both units function with our 0-10V dimmable products and each unit includes an integrated test switch and pilot light for added peace of mind. The remote mounted (EB23UQB) option comes with 18” of conduit, which can be run to your fixture from a nearby mounting location, but the unit itself can be mounted up to 200 feet away from the fixture.

Both units include a battery, charger, driver module and test switch integrated into one compact design. Rare earth magnets contribute to an easy installation process, enabling the installer to attach the unit to any metal surface while finalizing placement and wiring.

KEY FEATURES
- 90-minute operating time in power shortage, delivering 23 watts with no light degradation
- Works with 0-10V dimmable LED retrofits and luminaires
- Integrated test switch with pilot light
- Meets or exceeds all National Electrical Code and Life Safety Code Emergency Lighting Requirements
- Suitable for damp locations
- Can be mounted on-unit or up to 200 feet away from the fixture
- 5-year warranty
- One piece design with metal housing
- Rare earth magnets enable easy installation

MARKETS
- Schools and universities
- Offices and municipal buildings
- Healthcare facilities and hospitals
- Warehouse & storage
- Industrial facilities
- Sports facilities & gyms
- Manufacturing facilities
- Retail centers
ORDERING INFORMATION

EMERGENCY BATTERY BACKUP UNITS

<table>
<thead>
<tr>
<th>WATTS</th>
<th>VOLTS</th>
<th>ORDERING CODE</th>
<th>DESCRIPTION</th>
<th>COMPATIBILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>23</td>
<td>120-277</td>
<td>EB23UQ</td>
<td>23W 120-277V WH QC Emergency Battery Backup</td>
<td>See below</td>
</tr>
<tr>
<td>23</td>
<td>120-277</td>
<td>EB23UQB</td>
<td>23W 120-277V WH 18” Conduit Emergency Battery Backup</td>
<td>See below</td>
</tr>
</tbody>
</table>

ACCESSORIES

<table>
<thead>
<tr>
<th>ORDERING CODE</th>
<th>DESCRIPTION</th>
<th>USAGE</th>
<th>COMPATIBILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>EBA45-12V</td>
<td>Replacement Battery 4500mAh 12V</td>
<td>Replacement battery for emergency backup unit</td>
<td>EB23UQ &amp; EB23UQB</td>
</tr>
<tr>
<td>EBA501</td>
<td>Remote test switch for Emergency Battery Backup</td>
<td>Remote switch can be wired into the EBB unit, then mounted remotely (up to 50 feet from the unit). Includes 6’ of wiring.</td>
<td>EB23UQ &amp; EB23UQB</td>
</tr>
</tbody>
</table>

COMPATIBILITY LIST

**EB23UQ** is compatible with the following Magnetic Retrofit and TLED part numbers:

- 0-10V DIMMING
  - RF16UQT1XXD
  - RF32UQT1XXD
  - (2) RF16UQT1XXCDL*
  - RF32UQT1XXCDL
  - RF32UQT1XXCDL
  - RF32UQT1XXCDL
  - RF32UQT1XXCDL

- BI-LEVEL DIMMING
  - RF32UQT1XXD
  - RF32UQT1XXD
  - (2) RF32UQT1XXCDL*
  - RF32UQT1XXCDL
  - RF32UQT1XXCDL

- ADJUSTABLE WATTAGE
  - RF32UQT1XXD
  - RF32UQT1XXD
  - (2) RF32UQT1XXCDL*
  - RF32UQT1XXCDL

- BYPASS T8 LED TUBES
  - RF32UQT1XXD
  - RF32UQT1XXD
  - RF32UQT1XXD

- LT09T828XXB1
- LT18T848XXB1
- LT14T848XXB2

- NON-DIMMING
  - RF16UQT1XXC
  - RF22UQT2XX
  - RFM131T1XX
  - RFM262T1XX

**EB23UQB** is compatible with the following retrofit and luminaire part numbers:

<table>
<thead>
<tr>
<th>STRIP FIXTURES</th>
<th>FLAT PANELS</th>
<th>ROUND HIGH BAY EXT</th>
<th>NSF HIGH BAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>SF24UQS4XXDL</td>
<td>FP030UF1XXDL</td>
<td>HB125XXXDL</td>
<td>HBF100WXXDL</td>
</tr>
<tr>
<td>SF30UQS4XXDL</td>
<td>FP030UF1XXDL</td>
<td>HB185XXXDL</td>
<td>VOLUMETRIC RETROFITS</td>
</tr>
<tr>
<td>SF40UQS4XXDL</td>
<td>FP030UF2XXDL</td>
<td>HB220XXXDL</td>
<td>VR29UQT2XXDL</td>
</tr>
<tr>
<td>SF40UQS6XXDL</td>
<td>FP030UF2XXDL</td>
<td>HB100WXXDL</td>
<td>VR39UQT4XXDL</td>
</tr>
<tr>
<td>SF50UQS8XXDL</td>
<td>FP040UF2XXDL</td>
<td>HB150WXXDL</td>
<td>VRT2XX</td>
</tr>
<tr>
<td>SF64UQS8XXDL</td>
<td>FP040UF4XXDL</td>
<td>HB200WXXDL</td>
<td>VRT4XX</td>
</tr>
<tr>
<td>SF70UQS8XXDL</td>
<td>FP050UF4XXDL</td>
<td>HB240WXXDL</td>
<td>VRT1XX</td>
</tr>
</tbody>
</table>

**STRIP RETROPTS**

- SF24UQS4XXDL
- SF30UQS4XXDL
- SF40UQS4XXDL
- SF40UQS6XXDL
- SF50UQS8XXDL
- SF64UQS8XXDL
- SF70UQS8XXDL

**GARAGE LIGHT**

<table>
<thead>
<tr>
<th>LINEAR HIGH &amp; LOW BAYS</th>
<th>ROUND HIGH BAY EXT</th>
<th>NSF HIGH BAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>LR07UK2XXDL</td>
<td>HB115WXXDL</td>
<td>VOLUMETRIC RETROFITS</td>
</tr>
<tr>
<td>LR07UK2XXDL</td>
<td>HB175WXXDL</td>
<td>VOLUMETRIC RETROFITS</td>
</tr>
<tr>
<td>LR08UR2XXDL</td>
<td>HB200WXXDL</td>
<td>VOLUMETRIC RETROFITS</td>
</tr>
</tbody>
</table>

**LIGHT PANEL**

<table>
<thead>
<tr>
<th>LINEAR HIGH &amp; LOW BAYS</th>
<th>ROUND HIGH BAY EXT</th>
<th>NSF HIGH BAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>LR07UK2XXDL</td>
<td>HB115WXXDL</td>
<td>VOLUMETRIC RETROFITS</td>
</tr>
<tr>
<td>LR07UK2XXDL</td>
<td>HB175WXXDL</td>
<td>VOLUMETRIC RETROFITS</td>
</tr>
<tr>
<td>LR08UR2XXDL</td>
<td>HB200WXXDL</td>
<td>VOLUMETRIC RETROFITS</td>
</tr>
</tbody>
</table>

**PT2XX**

<table>
<thead>
<tr>
<th>LINEAR HIGH &amp; LOW BAYS</th>
<th>ROUND HIGH BAY EXT</th>
<th>NSF HIGH BAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>LR07UK2XXDL</td>
<td>HB115WXXDL</td>
<td>VOLUMETRIC RETROFITS</td>
</tr>
<tr>
<td>LR07UK2XXDL</td>
<td>HB175WXXDL</td>
<td>VOLUMETRIC RETROFITS</td>
</tr>
<tr>
<td>LR08UR2XXDL</td>
<td>HB200WXXDL</td>
<td>VOLUMETRIC RETROFITS</td>
</tr>
</tbody>
</table>

**VOLUMETRIC TROFFER**

<table>
<thead>
<tr>
<th>LINEAR HIGH &amp; LOW BAYS</th>
<th>ROUND HIGH BAY EXT</th>
<th>NSF HIGH BAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>LR07UK2XXDL</td>
<td>HB115WXXDL</td>
<td>VOLUMETRIC RETROFITS</td>
</tr>
<tr>
<td>LR07UK2XXDL</td>
<td>HB175WXXDL</td>
<td>VOLUMETRIC RETROFITS</td>
</tr>
<tr>
<td>LR08UR2XXDL</td>
<td>HB200WXXDL</td>
<td>VOLUMETRIC RETROFITS</td>
</tr>
</tbody>
</table>

*2 units can be connected in a series

**2’ x 4’ TROFFER INSTALLATION**

**4’ STRIP INSTALLATION**

* Warning: EB23UQB should be installed in non-hazardous location

**2X2 FLAT PANEL INSTALLATION**
**SPECIFICATIONS**

- **Average rated life:** 50,000 hours
- **Warranty:** 5 years
- **Operating temperature:** 32°F to 113°F
- **Output voltage:** 150Vdc
- **Output current:** 160mA
- **Output power:** 23 Watts
- **Operation time:** 90 minutes
- **Input frequency:** 50/60 Hz
- **Battery:** Ni-MH 12V 4.5AH
- **Recharge time:** 24 hours
- **Power Factor:** ≥0.95
- **Weight:** 4.1 lbs.
- **Location rating:** Damp
- **UL/cUL listed:** Yes
- **RoHS compliant:** Yes

**MOUNTING**

- **EB23UQ:** Metal troffers, strips or wraps
- **EB23UQB:** Remote mounting

**ACCESSORIES**

- Replacement battery
- Remote test switch

**SIZING**

**WHAT COMES IN THE BOX**

**EB23UQ**
- Emergency battery pack with magnets
- (1) Female quick connect (attached to male end)
- (1) Male quick connect (attached to female end)
- (3) Self-tapping screws
- (4) Wire nuts
- (1) Strain relief bushing
- (1) Junction box
- Installation Instructions

**EB23UQB**
- Emergency battery pack with magnets and 18" of conduit
- (1) Test switch
- (1) LED indicator and holder
- (2) Self-tapping screws
- (12) Wire nuts
- Installation instructions