A1 SECURITY CAMERAS
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Altronix®

Rev. BTL125 - 12132018

BTL125

Rechargeable Lithium Iron Phosphate ($LiFePO_4$) Battery

BTL125

Description

Altronix BTL125 rechargeable Lithium Iron Phosphate ($LiFePO_4$) Battery supplies 12VDC for security, access, surveillance, and fire applications. It offers up to 10 times longer cycle life with only about 50% of the weight of a comparable lead acid battery.

Key Features

- Usable with all Altronix Spectrum fiber optic equipment with Optimized Lithium Iron Phosphate Battery Charger.
- No memory effect.
- Delivers twice the power of a lead acid battery with higher discharge rate.
- Eliminates the risk of explosion or combustion due to high impact, overcharge or short circuit.
- Does not contain any poisonous and/or harmful substances
- Maximum life, dependability, reliability.
- Spaded terminals.

Specifications

Electrical

Normal Voltage	12.8V.
Rated Capacity	4.5 +/-0.3A/H.
Energy	~57.6W/H.

Overcharge and overdischarge protection.

Standard Charge

Charge Voltage	14.4 +/-0.15V.
Charge Current	1A.
Max. Charge Current	2.25A.

Standard Discharge

Continuous Current	2.25A.
Max. Continuous Current	8A (for ~5 min.)
Discharge Cut-off Voltage	10.0V.

Physical and Environmental

Battery Dimensions (H x W x D approx.):

3.98” x 3.54” x 2.76” (101mm x 90mm x 70mm).

Product Weight / Shipping (approx.)

Product Weight:	1.52 lb. (0.69 kg).
Shipping Weight:	2.0 lb. (0.9 kg).

Temperature

Operating:	
Charging:	0ºC to 45ºC (32ºF to 113ºF).
Discharging:	-20ºC to 60ºC (-4ºF to 140ºF).
Storage:	0ºC to 40ºC (32ºF to 104ºF).
Relative Humidity:	85% +/-5%.
Operating Altitude:	-304.8 to 2,000m.

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