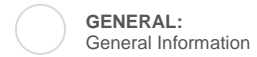
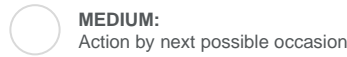


LithiumBLUE 12V – Positive Terminal Overheating / Fuse Clears Prematurely

CSB Number	855-0012 Rev A
Date	SEP 07 2022

URGENCY



PRODUCTS AFFECTED

Discover LithiumBLUE:

- DLB-G24-12V
- DLB-GC12-12V

SYMPTOM OBSERVED

- The positive terminal overheats causing a deformation of the plastic cover in this area at high RMS current.
- The 200ADC fuse clears (blows) prematurely.

POSSIBLE CAUSE

- In some uncommon use cases the 200ADC fuse, together with undersized external cables, may result in excess temperature rise at the positive terminal.
- Loads/chargers with high DC ripple current can provide a higher RMS current than the battery and 200ADC fuse is rated for.

FIELD CORRECTIVE ACTIONS

As required:

- Replace the 200ADC fuse with a 250ADC fuse (part number 960-0049 FUSE SQUARE 250A 58VDC RECT).
- If top cover is damaged:
 - Replace the top cover together with a 250ADC fuse.
- If the top cover is damaged and cannot be replaced:
 - Replace the unit together with a 250ADC fuse.

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