

## LYNK II/LITE CLOSED LOOP: UNDERCHARGING BATTERIES

CSB Number	855-0017 REV D
Date	Feb 3, 2025

### URGENCY

**HIGH:**  
Action immediately

**MEDIUM:**  
Action when possible

**LOW:**  
Action if necessary

**INFORMATION ONLY**

### PRODUCTS AFFECTED

LYNK II or LYNK Lite with 42-48-6650, 44-48-3000, 44-24-2800, 48-48-5120, 48-48-5120-H, DLP-GC2-12V, DLP-GC2-24V, DLP-GC2-36V, or DLP-GC2-48V.

### SYMPTOM OBSERVED

Discover lithium batteries are being undercharged when they are in closed-loop communication using a LYNK II or LYNK Lite Gateway with a firmware version before 2.0. Undercharging occurs because the charge voltage delivered to the battery is below the required voltage to charge. The condition can be observed by using LYNK ACCESS software to view the actual charge voltage delivered and comparing with the charge voltage displayed by the power equipment. Corrective action is required if a significant difference between the target and actual voltage is observed.

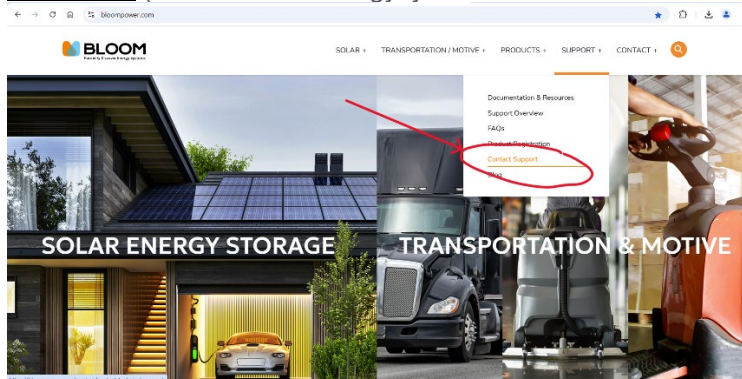
### POSSIBLE CAUSE

The inverter-charger receives the target charge voltage from the battery's BMS, but the inverter delivers a lower voltage at the battery terminals. This significant voltage drop will prevent full battery charging.

### FIELD CORRECTIVE ACTIONS

Update to LYNK ACCESS software version 2.0 or later, which will reset the Max Charge DeltaV limiting value and raise the charge voltage delivered to the batteries.

If you have any issues or questions please contact Technical Support by submitting a ticket at [CONTACT SUPPORT](https://www.discoverenergysys.com/contact/contact-technical-support) (www.discoverenergysys.com/contact/contact-technical-support).



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