BLOCK BATTERY™
Made in USA

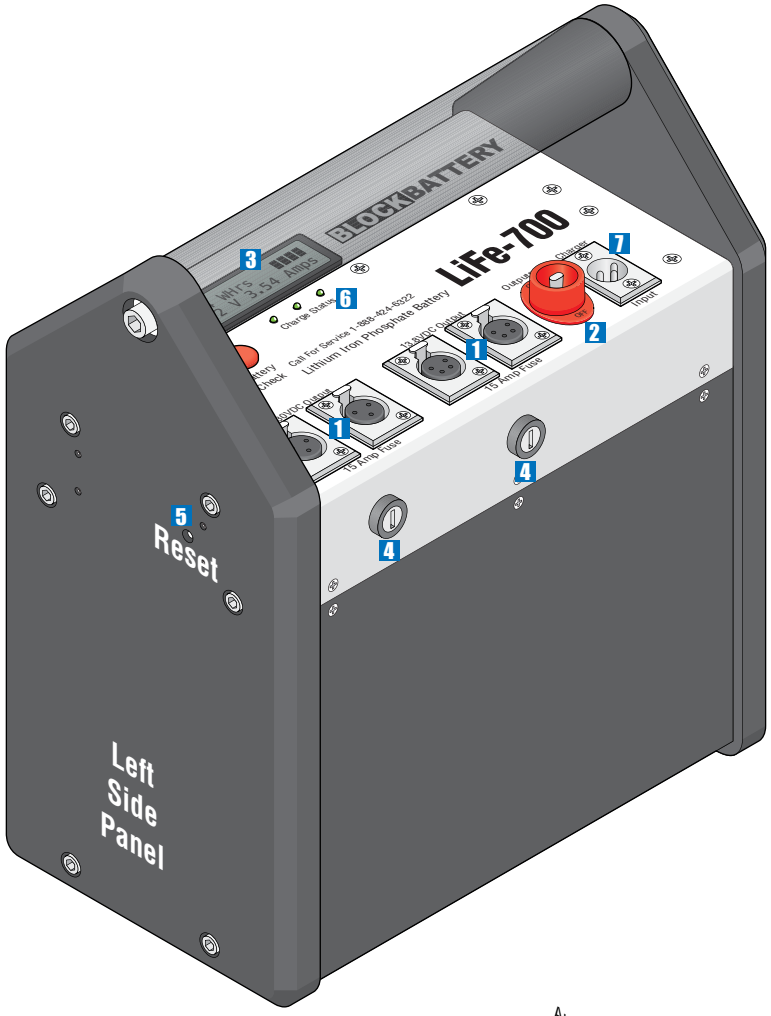
LITHIUM SERIES

LiFe700 - 14 and 24 VDC Dual Voltage Block Battery

A Dual Voltage Lithium Iron Phosphate (LiFePO4) block designed for cinematic production applications where two different voltages are required simultaneously; or applications requiring voltage regulation to less than 28VDC. The LiFe700 provides a modular 700WHr LiFePO4 block that is easily maintained, convenient to transport and light weight.

Ground Transport ONLY!
with battery packs installed

See reverse side to remove battery packs



LiFe700 Features

1 Output Connector Types:
Two connectors @ nominal 24 Volt (~28-20VDC)
Two connectors @ regulated 13.8 Volt (~13.8VDC)

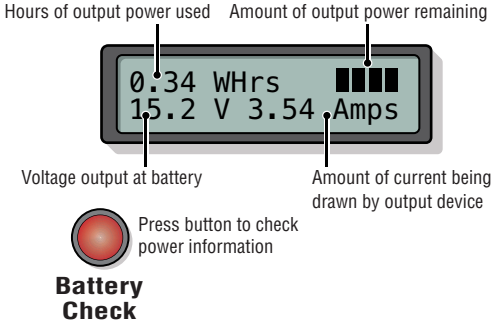
Volts	Connector Type
24V	3-Pin XLR, Arri Standard (Pin 1 Gnd, Pin 2 Bat +)
13.8V	4-Pin XLR, (Pin 1 Gnd, Pin 4 Bat +)

Note: All output connectors are disconnected during charge and when battery is empty.

2 ON/OFF Switch:
Switch MUST be turned **ON** (up) to power output plugs.
Important: DO NOT leave an idle block battery with the power switch turned **ON** or it will drain the battery over time.

3 Power Metering:
LCD Screen (Press **battery check** button to show power status)

Normal Discharge LCD Display:



4 Fuses:
Output Power Fuses (15 amp)

5 Reset Switch:
Push to reset battery.

6 Charge Status LEDs:
Shows power status and errors during charging

7 Charge Connector:
Connects to PSU300 Charger/Power Supply
(Use **BLOCK BATTERY** charger/power supply **ONLY**)

LiFe700 Specifications

LiFe700 Dimensions:
12.3" (31.2 cm) Height x 10.65" (27 cm) Width x 6.3" (16 cm) Depth

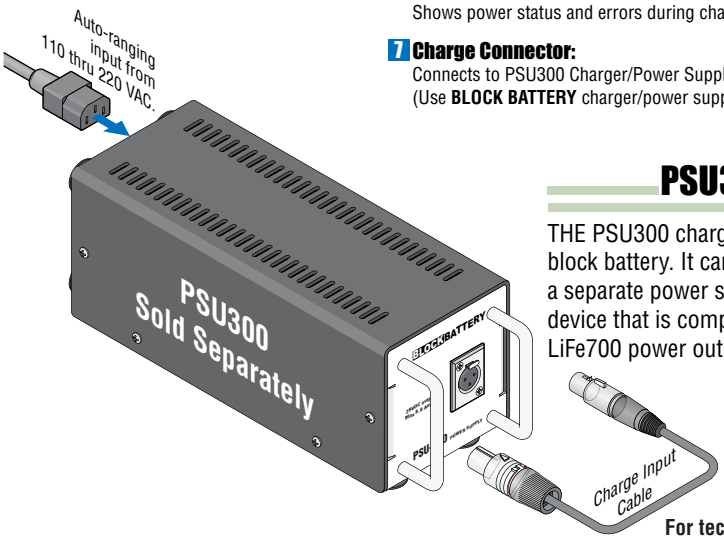
LiFe700 Weight:
22 lbs (9.97 Kg)

LiFe700 Battery Type:
Lithium Iron Phosphate

LiFe700 Storage

Short Term LiFe700 Storage (Up to 1 Week):
- 5° to 25°C (41° to 77°F)
- No output device plugs connected
- OK to leave charger connected

Long Term LiFe700 Storage (More than 1 Week):
- 5° to 25°C (41° to 77°F)
- Fully charge battery
- No output device plugs connected
- Do not leave charger connected
- Recharge every month



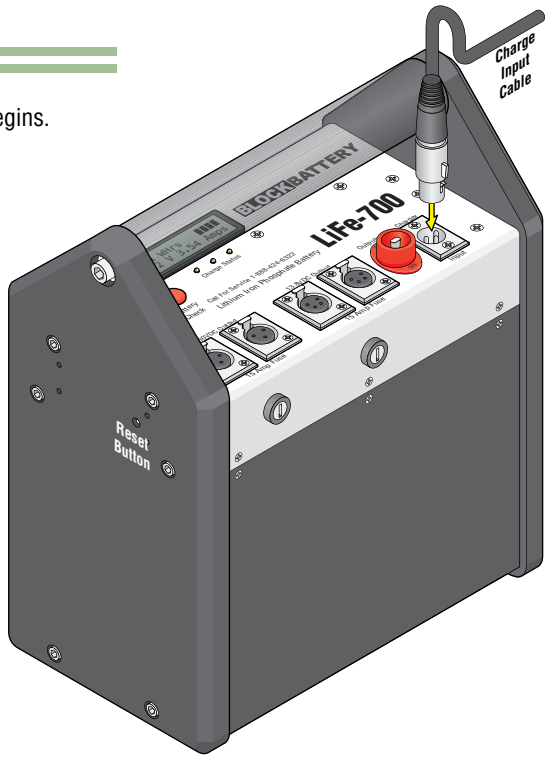
PSU300

THE PSU300 charges the LiFe700 block battery. It can also be used as a separate power supply for a device that is compatible with the LiFe700 power output.

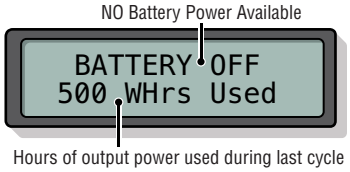
For technical support call:
1-888-424-6322

LiFe700 Charging Procedures

Charge the LiFe700 with Block Battery charger model PSU300 (see previous page).
Simply plug in the PSU300 and connect the charge input cable. Charging automatically begins.
Note: All outputs are automatically turned off during charge.



Normal Charging LCD Display: Automatic readout when connected to charger
Charge time is ~ 3 - 5 hours for empty battery



Charge Status LED Indicators:
Normal Charging LEDs will light in sequence as charging occurs, **charge is complete when all 3 LEDs are lit.**

Charge Status LED Functions:
LED 1 Blinking - Charger is waiting to charge until battery cools down or voltage is trickled up. No action required, the charger will automatically reset when ready.
LED 2 Blinking - Internal failure on the battery pack. Press **RESET** button.
LED 3 Blinking - Charger failure, try a different charger, consult factory.

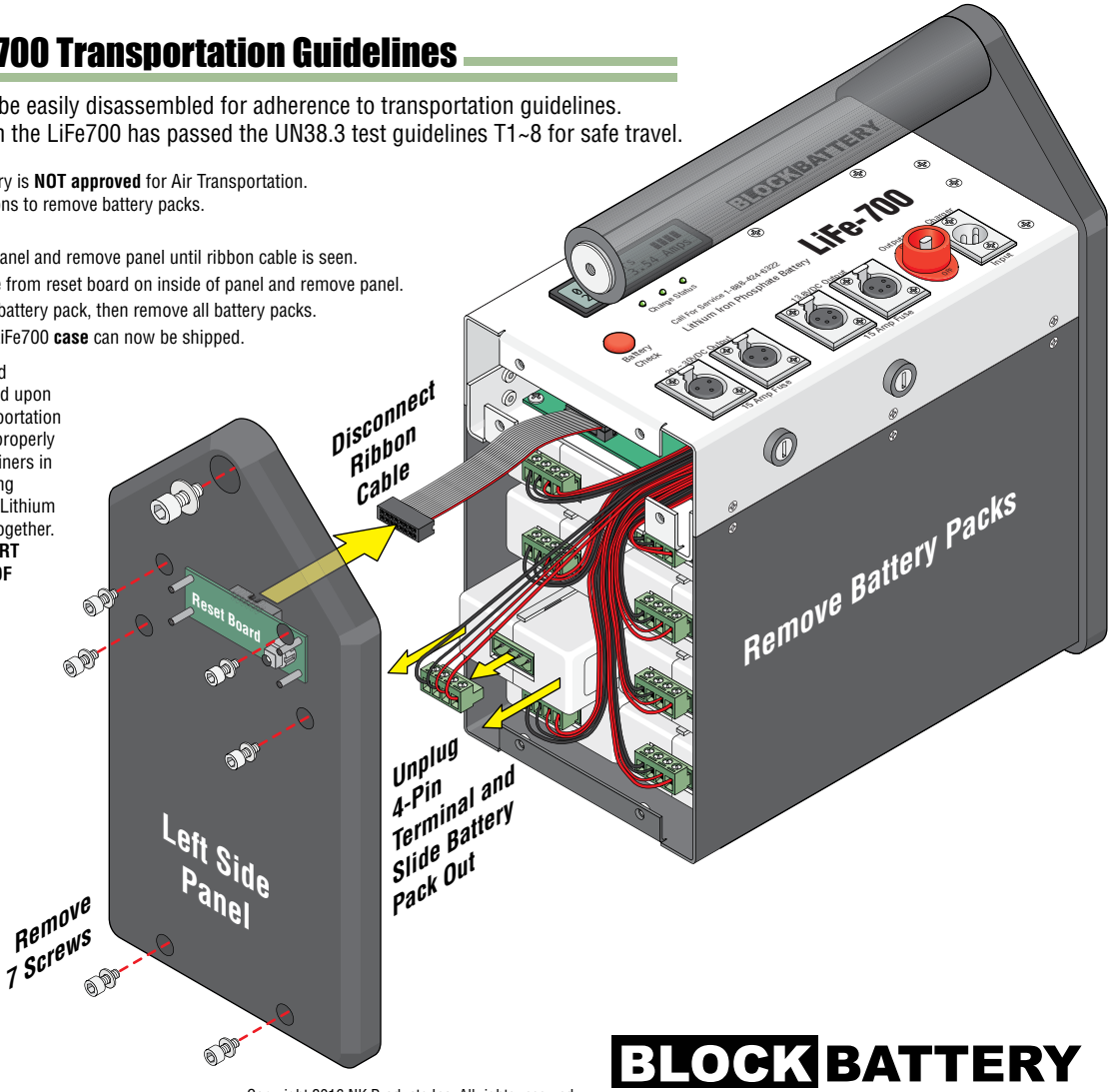
LiFe700 Transportation Guidelines

The LiFe700 was designed to be easily disassembled for adherence to transportation guidelines.
Each battery pack contained in the LiFe700 has passed the UN38.3 test guidelines T1~8 for safe travel.

The **assembled** LiFe700 Block Battery is **NOT approved** for Air Transportation.
Follow these dis-assembly instructions to remove battery packs.

A. Disconnect any charger.
B. Remove 7 screws from left side panel and remove panel until ribbon cable is seen.
C. Carefully disconnect ribbon cable from reset board on inside of panel and remove panel.
D. Unplug 4-pin terminal from each battery pack, then remove all battery packs.
E. Reinstall the left side panel. The LiFe700 **case** can now be shipped.

Each battery pack has been approved (UN38.3 T1~T8 test reports furnished upon request) for air and/or ground transportation however care still must be taken to properly package and label all shipping containers in accordance with regulations. Shipping regulations do LIMIT the number of Lithium Ion Batteries that can be packaged together. **CONSULT THE CURRENT TRANSPORT REGULATIONS FOR THE METHOD OF SHIPPING SELECTED.**
Each battery pack in the LiFe700 is considered a small lithium ion battery (a battery not exceeding 100WHr). As of 4/1/14, not more than 2 lithium ion batteries can be shipped in a container for air shipments and all packages must be properly marked.



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