

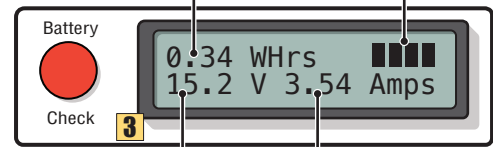
SERIES "D"

D800 - 14 and 24 VDC Dual Voltage Block Battery

A **DUAL** voltage battery designed for cinematic or lighting production applications where two different voltages are required **simultaneously**; or for applications requiring voltage regulation to less than 28 volts. The **D800** provides an 800 watt hour capacity with regulated outputs of ~ 24 volts and nominal outputs @ 14.4 volts **simultaneously**.

LCD Power Meter

Hours of output power used Amount of output power remaining



Voltage output at battery Amount of current being drawn by output device

D800 Features

1 Output Connector Types:

Two connectors @ regulated 24 Volt (24VDC)
Two connectors @ nominal 14.4 Volt (~10-17VDC)

Model	Volts	Connector Type
D800-33044 (Pictured)	24V	3-Pin XLR, Arri Standard (Pin 1 Gnd, Pin 2 Bat +)
	14.4V	4-Pin XLR, (Pin 1 Gnd, Pin 4 Bat +)
D800-33844 (Not-Pictured)	24V	3-Pin XLR, Arri Standard (Pin 1 Gnd, Pin 2 Bat +)
	14.4V	4-Pin XLR, (Pin 1 Gnd, Pin 4 Bat +)
	24/14.4V	8 Pin Lemo

Note: Optional connectors available on request

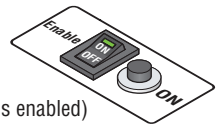
2 24V Power Enable:

24V output plugs **DO NOT** have power until 24V regulator is turned **ON**:

Step 1: Turn "Enable" Rocker Switch ON

Step 2: Press "ON" Button

Green light turns **ON** (24V output plugs enabled)



Step 3: To Turn Off 24V Power, Turn "Enable" Rocker Switch OFF

Green light turns **OFF** (**ONLY** 24V output plugs are disabled)

Important: **DO NOT** leave an idle block battery with the 24V regulator turned **ON** or it will drain the battery over time.

3 Power Metering:

LCD Screen (Press **battery check** button to show power status)

Note: Automatically turns **ON** when battery is in use and turns **OFF** when charging battery

4 Cooling Fans:

Fans automatically turn ON/OFF for battery temperature control

Note: Fans **ONLY** turn on when battery is being charged

5 Battery Fuses:

15 Amp fuse for 14.4 VDC side, 10 Amp fuse for 24 VDC side; standard replacement fuse – AG type.

6 Charge Connector:

Connects to EFC-2 or 2F1-Charger

(Use **BLOCK BATTERY** chargers **ONLY**)

D800 Specifications

D800 Dimensions:

13" (33 cm) Height x 13.5" (34.2 cm) Width x 5.3" (13.4 cm) Depth

D800 Weight:

35 lbs (15.87 Kg)

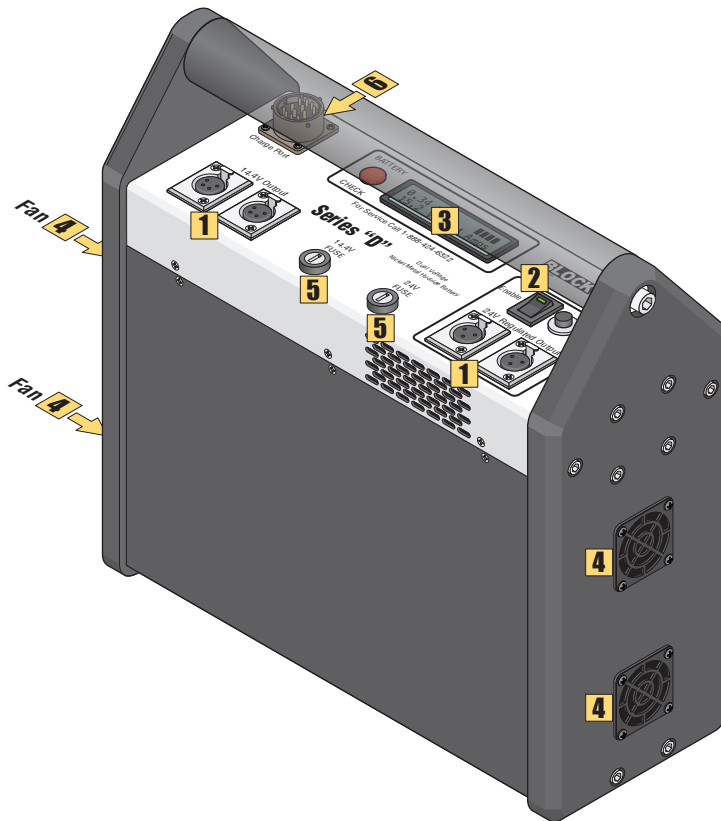
D800 Battery Type:

Nickel Metal-Hydride (NiMH)

D800 is Unrestricted for Air & Ground Transport

For technical support call:

1-888-424-6322



D800 Operation and Storage

Power Output Amount when Fully Charged:

800 watt hours (56 amp hours @ 14.4VDC or 28 amp hours @ 24VDC)

Estimated Runtime: ~ 8 hours on Alexa, or 6 hours on F65, depending on camera rig accessories

Charging Time for Empty Battery:

~ 5.5 hours on EFC-2 or 2F1-Charger

Battery Shut-Off at End of Discharge Cycle:

Output power will automatically shut-off when:

Output power is discharged to 10 V (Approximate)

Short Term D800 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 D800 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 two months