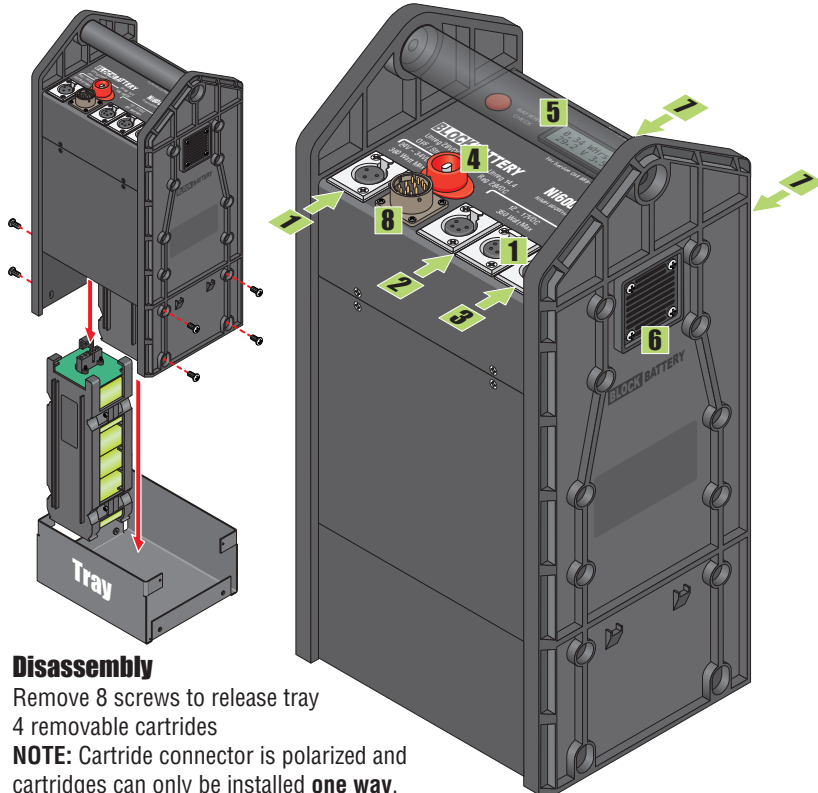


## “Tri” SERIES

# Ni600 - Triple Voltage Selectable Block Battery

The Ni600 Block Battery is designed for power hungry cinematic camera rigs. Sticking with the traditional NiMH chemistry does provide ease of transport when deploying blocks to remote locations. The Ni600 provides three different outputs; **unregulated 28V** for higher power demands with max efficiency, **unregulated 14V** for standard cinema cameras and a **regulated 28V** for cameras with narrow voltage ranges. The Ni600 also has incorporated a cartridge based design that makes service, recelling and maintenance extremely easy and cost effective.



### Disassembly

Remove 8 screws to release tray  
4 removable cartridges

**NOTE:** Cartridge connector is polarized and cartridges can only be installed **one way**.

## Ni600 Operation and Storage

### Output Capacity when Fully Charged:

576 watt hours, or 40 amp hours @ 14VDC, or 20 amp hours @ 28VDC

**Estimated Runtime:** ~ 5.5 hours on Alexa, or 5 hours on F65, depending on camera rig accessories

### Charging Time for Empty Battery:

~ 3.5 hours on DFC Chargers

### Battery Shut-Off at End of Discharge Cycle:

Output power will automatically shut-off when:

28 VDC output power is discharged to 20 V (Approximate)

14 VDC output power is discharged to 10 V (Approximate)

### Short Term Storage (Up to 1 Week):

5° to 25°C (41° to 77°F)

No output device plugs connected

OK to leave charger connected

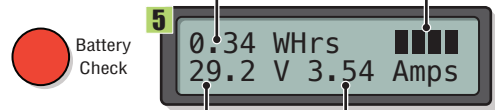
### Long Term Storage (More than 1 Week):

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.

## 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

## Ni600 Features

### 1 1-28VDC Unregulated Output Connector:

Unregulated nominal 28.8 Volt (24-34VDC) 360 watts Max.

### 2 2-14.4VDC Unregulated Output Connectors:

Unregulated nominal 14.4 Volt (12-17VDC) each. 350 watts Max.

### 3 1-28VDC Regulated Output Connector:

Regulated nominal 28 Volt (24-34VDC) 280 watts Max.

### 4 Output Selector Switch:

1-Unregulated 28 VDC OFF / Storage **OR**  
2-14.4 VDC Unregulated and 1-28 VDC Regulated

### 5 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

### 6 Cooling Fan:

Fan **ONLY** turns on when battery is being charged

### 7 Battery Fuses:

1- 15 Amp replacement size.

1- 20 Amp replacement size.

### 8 Charge Connector:

Connects to DFC Charger with 800C charge cable

### CAUTION:

Use BLOCK BATTERY chargers **ONLY**. Charge cycle completion is indicated with GREEN LED. If removing Ni600 **BEFORE** charging cycle completion, then make sure Power Meter voltage reads 34 Volts or Less **BEFORE** plugging in output device. Otherwise device being powered could shutdown or be **DAMAGED**. Voltage typically settles below 34 volts within an hour of being disconnected from charger.

## Ni600 Specifications

### Ni600 Dimensions:

15" (38.1cm) Height x 7.625" (19.3CM) Width x 6.125" (15.5 cm) Depth

### Ni600 Weight:

27 lbs (15.87 Kg)

### Ni600 Battery Type:

Nickel Metal-Hydride (NiMH)

**Ni600 is Unrestricted for Air & Ground Transport**

For technical support call:

**1-888-424-6322**