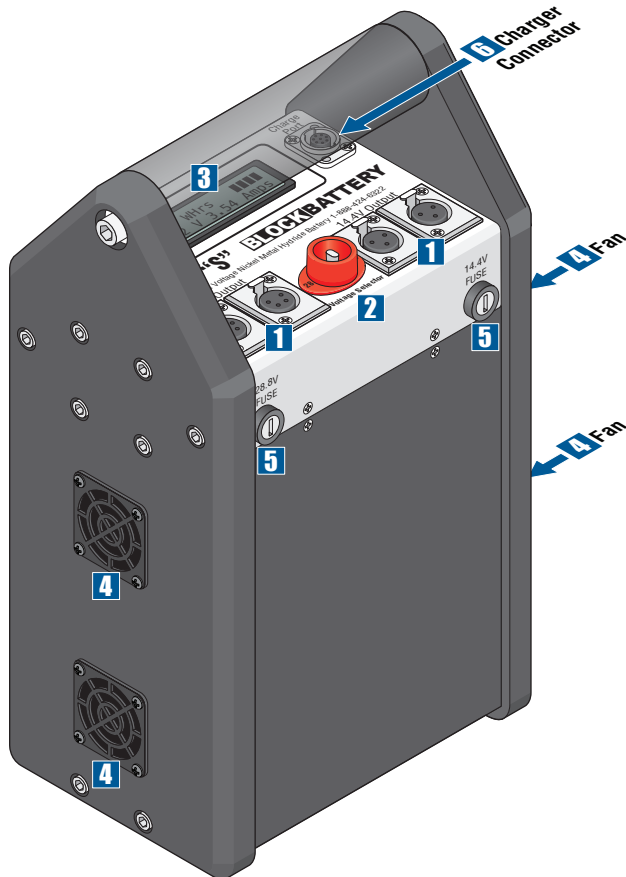


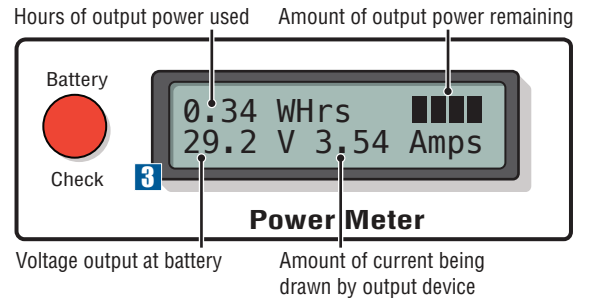
## SERIES "S"

# S401 - 14 or 28 VDC Switchable Block Battery

A **switchable** voltage battery designed for power hungry cinematic camera rigs, the "S401" provides a 400 watt hour capacity with nominal outputs at 28.8 volts or 14.4 volts, at up to 15 amps in either voltage.



## LCD Power Meter



## S401 Features

### 1 Output Connector Types:

Two connectors @ nominal 28.8 Volt (~20-34VDC)  
Two connectors @ nominal 14.4 Volt (~10-17VDC)

Model	Volts	Connector Type
S401-33044 (Pictured)	28.8V	3-Pin XLR, Arri Standard (Pin 1 Gnd, Pin 2 Bat +)
	14.4V	4-Pin XLR, (Pin 1 Gnd, Pin 4 Bat +)
S401-22044 (Not-Pictured)	28.8V	2-Pin Amphenol (Pin A Gnd, Pin B Bat +)
	14.4V	4-Pin XLR, (Pin 1 Gnd, Pin 4 Bat +)

**Note:** Optional connectors available on request

### 2 Output Selector Switch:

14 VDC OR 28 VDC

### 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 replacement size (2 Required)

### 6 Charge Connector:

Connects to EFC-1, EFC-2 or 2F1-Charger

## CAUTION:

Use BLOCK BATTERY chargers ONLY. Charge cycle completion is indicated with GREEN LED. If removing S400 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.

## S401 Operation and Storage

### Output Capacity when Fully Charged:

400 watt hours, or 28 amp hours @ 14VDC, or 14 amp hours @ 28VDC

**Estimated Runtime:** ~ 4 hours on Alexa, or 3 hours on F65, depending on camera rig accessories

### Charging Time for Empty Battery:

~ 5.5 hours on EFC-1, EFC-2 or 2F1-Charger

### 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 S401 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 S401 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

## S401 Specifications

### S401 Dimensions:

13.2" (33.5 cm) Height x 7.5" (19 cm) Width x 5.3" (13.5 cm) Depth

### S401 Weight:

18 lbs (8.16 Kg)

### S401 Battery Type:

Nickel Metal-Hydride (NiMH)

### S401 is Unrestricted for Air & Ground Transport

For technical support call:

**1-888-424-6322**