BLOCK BATTERY™
Made in USA

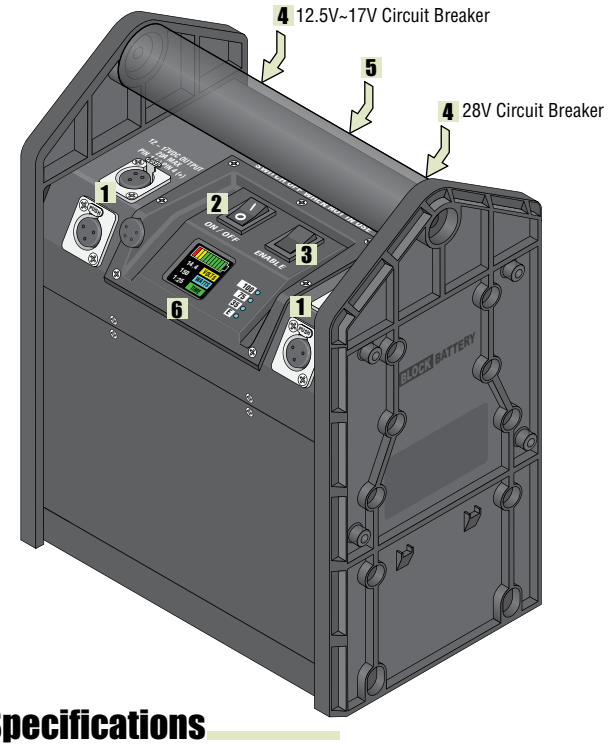
SMART LITHIUM ION SERIES

THE Artisan Air-700 - 16 and 28VDC Dual Voltage Block

The **ArtisanAir-700** is the **next generation of the Block Battery SLi-D600**. Keeping the most popular features of the SLi Series, like air shippable cartridges, **Block Battery has improved the electronics to broaden the capabilities and provide a better user experience**. The Artisan Air-700 has a **new graphic interface** with run and charge time estimates. It still allows for charging while discharging. The ArtisanAIr implements an active balance design to work in tandem to the passive balancing of the SLi series to keep batteries balanced and ready to use. The ArtisanAIr has expanded the 28VDC output to 420Watts to **accommodate newer digital cameras and stabilizers**. Also, resettable circuit breakers instead of fuses. It uses the same compact charger as the SLi-series. By keeping the cartridges the same physical size, Block Battery can provide a seamless and economical battery upgrade for customers still using the SLi series blocks with cartridges that still have some life left. However, new **ArtisanAir-700 Block does have a higher 700WHr capacity**.

Fully Assembled (Battery Cartridges Installed) Artisan Air-700 Must Be Shipped as Hazardous Material By Qualified Shipping Company

See reverse side for transportation rules.



Specifications

Dimensions:
12" (30.5cm) Height x 7.625" (19.3CM) Width x 6.125" (15.5 cm) Depth

Weight:
18 lbs (8.16 kg)

Temperature Recommendations:
Discharge Temperatures -20°C to 50°C (-4°F to 122°F)
Charge Temperatures 0°C to 50°C (32°F to 122°F)

AmpHours: 45AHrs @ 16V

WattHours: 720WHrs

Charge Time: 5-10 hours, depending on charger used

Storage

Short Term Storage (Up to 1 Week):
- 5°C to 25°C (41°F to 77°F)
- OK to leave on charger
- After depleting an Battery, it is best to get the battery on a charger within a week.

Long Term Storage (More than 1 Week):
- 5°C to 25°C (41°F to 77°F)
- Fully charge battery
- No output devices connected
- Do not leave charger connected
- Recharge every 3 months

Artisan Features

1 Voltage Outputs:
Voltage ranges:Two 12.5v ~ 17v outputs and two 28v outputs.

NOTE: Voltage Ouputs can be turned on and used while charging.

Dual Voltages

Volts	Connector Type
28V	3-Pin XLR, Arri Standard (Pin 1 Gnd, Pin 2 Bat +)
12.5V ~ 17 V	4-Pin XLR, (Pin 1 Gnd, Pin 4 Bat +)

2 ON/Off Switch:
Switch **MUST** be turned **ON** first. Color OLED display will light up.

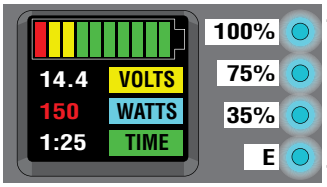
3 Enable Button:
Press button to **engage** all output connectors. Button does **NOT** need to be pressed when **ONLY** charging block.

4 Circuit Breakers:
- 12.5V~17V output limit is **20 amps** Maximum. Recommended continuous current draw is 12 amps.
- 28V output limit is **10 amps** Maximum. Recommended continuous current draw is 8 amps.

5 Charger Input:
Use **ONLY** the **PSU-185**, **Artisan 1 or Artisan 4** Chargers and cable from Block Battery. The block can be charged and continue to power connected devices if desired. When the charger is connected, the block will automatically charge.

6 OLED Display: The screen displays critical information about the Block Battery. **Note:** Leaving the Block turned **on** while not in use will discharge the Block, It is best to **turn off** the "**ON/OFF**" switch when not in use.

Battery Life Bar Display



Simple Four LED Battery % Display

VOLTS
Displays raw battery Voltage. Although the block does offer two voltages, regulated 28v and raw 16v, the display will only show the raw battery voltage 12 ~ 17V.

WATTS
Charging Mode – Display shows RED numbers indicating the Power, in watts, being added to the block.

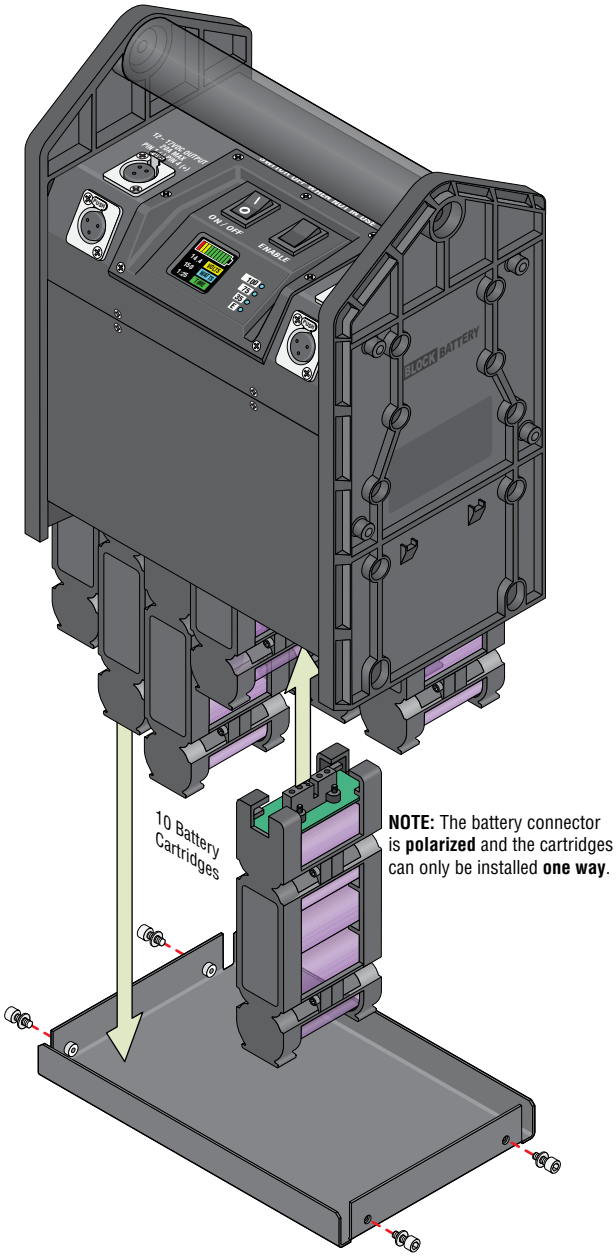
Discharging Mode - Displays WHITE numbers indicating the Power, in watts, being removed from the block.

TIME
Charge Mode – Displays **estimated** time until charge is complete.

Discharge Mode - Displays **estimated** time until block is expected to be empty based on current load conditions.

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

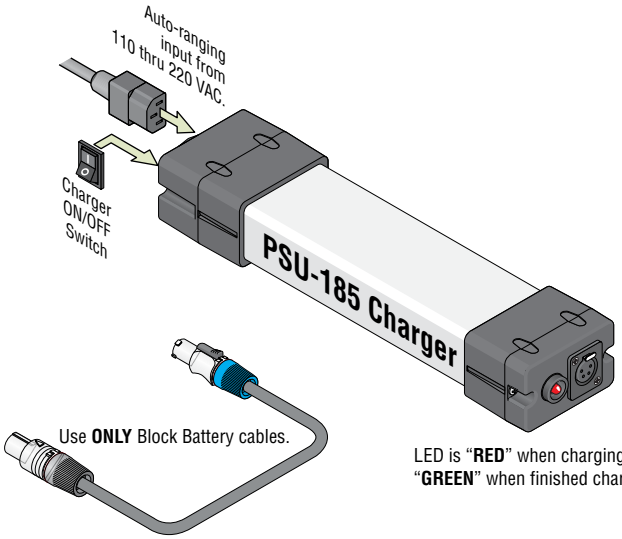
Disassembly



NOTE: The battery connector is **polarized** and the cartridges can only be installed **one way**.

Charger Options

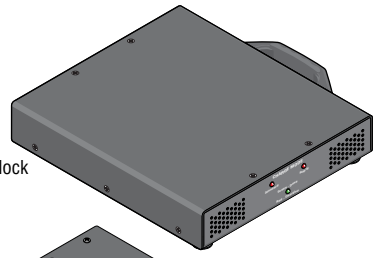
Compact Charger



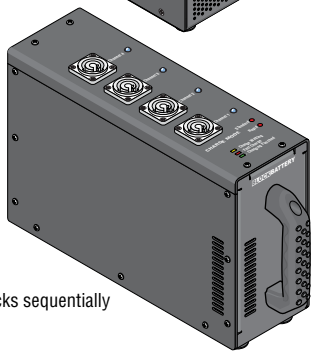
Use **ONLY** Block Battery cables.

LED is "**RED**" when charging and "**GREEN**" when finished charging.

Fast Chargers



Artisan 1 Charger
Single channel - Charge **ONE** block



Artisan 4 Charger
Four channel - Charge **FOUR** blocks sequentially

Artisan Air-700 Transportation Guidelines

The Artisan Air-700 is a Lithium Ion Block. While we have designed the Artisan Air-700 block to make it as easy as possible to ship and service the block, we are still restricted to one of **THREE** types of transportation.

1. A completely assembled Artisan Air-700 is 720 WHrs and as such, if you wish to ship a completely assembled block, it must be shipped via an authorized Class 9 Dangerous goods shipper **GROUND SHIPPING ONLY**.

2. The cells in the Artisan Air-700 are easily removed. By removing the four bottom screws, the bottom of the Artisan can slide off. The internal cartridges can be simply unplugged for shipping. If you would like to ship the system **GROUND without shipping as Class 9 Dangerous Goods**. Simply ship all 10- 72 WHr cartridges disconnected and individually wrapped in one box (consult the shipper for proper labeling) and the housing in a separate box.

3. Air Shipments. It is possible to ship the Artisan Air-700 using air cargo shipments. Each cartridge is only 72 WHrs @ 3.2v and will **need to be discharged to 30% state of charge prior to packing**. Remove all cartridges from the battery case and ship them in the same box as the battery case. Be sure to use the proper packaging and labeling for the carrier selected (ie. UN3481 labels).

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