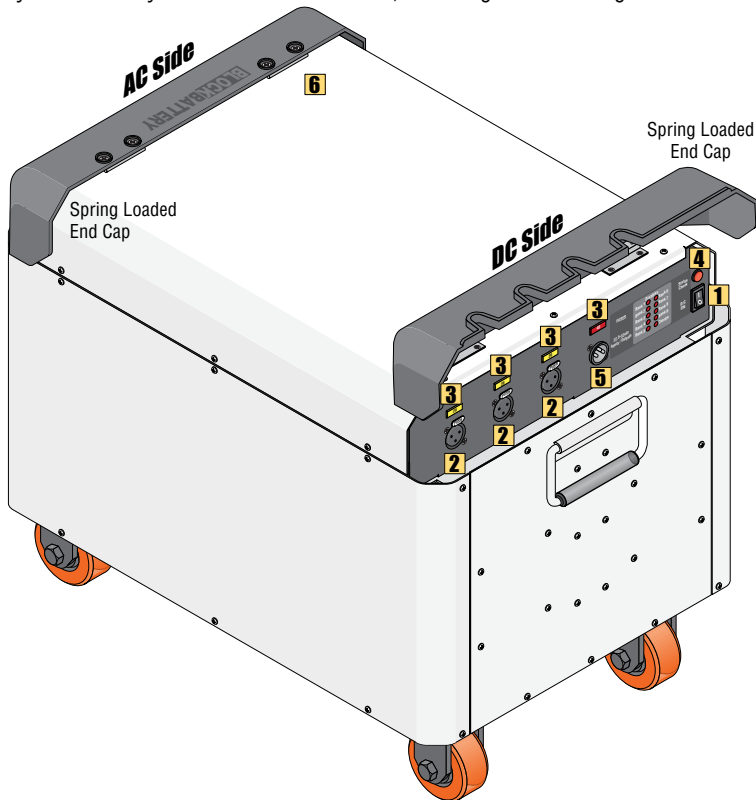


SMART LITHIUM ION SERIES

INDY 5000 - AC and 28 VDC Output Power Station

The INDY 5000 is a 4914 watt hour battery power station. Using the Block Battery proprietary cartridge based design, the Indy 5000 can provide up to 2500 watts of pure sine wave AC Power for lighting and general power applications. The Indy 5000 also gives two 20 amp 28vdc outputs for camera and crane applications. The built in diagnostics allow the owner to determine the weakest cartridge bank after every discharge. The Indy 5000 is a rugged build intended for rental house owners that service and maintain their own equipment. The proprietary cartridge based solutions by Block Battery allow for ease of service, re-celling and fault diagnosis.



**Fully Assembled (Battery Cartridges Installed)
The INDY 5000 Must Be Shipped as Hazardous
Material By Qualified Shipping Company**

See reverse side for transportation rules.

INDY 5000 DC Side Features

1 D/C ON:

Switch **MUST** be turned **ON** first to enable the **VDC** output power.

2 28.8 vdc Outputs:

Three 28VDC Outputs @ 20 Amps each.

General Run Time Guidelines

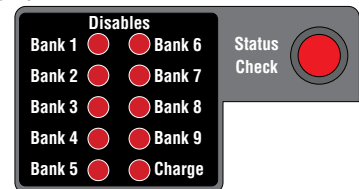
Light Model	Full Power Watts	Est. Run Time
SkyPanel S60	420	9.5 Hours
Aputure 600D	720	5.75 Hours
Aputure 1200	1325	2.75 Hours
Aputure 1200 + 600D	2025	1.6 Hours

3 Output Fuses:

28.8 vdc - 2-fuses 2 charge 125A circuit breaker.
1-40 amp charger fuse.

4 Status Check:

Internal Diagnostic feature gives status of each cartridge bank. Gives feedback as to which cartridge bank turns the system off.



Note: See next page for specific Bank locations inside chassis.
(3 cartridges per bank)

5 Charge Input:

ONLY use a Block Battery charger and cable. The block can be charged and continue to power connected devices if desired.
Charge Time 4 Hours.
Link two to double capacity.

INDY 5000 Specifications

INDY 5000 Dimensions:

24" (60.9cm) Height x 24" (60.9cm) Width x 17" (43.1cm) Depth

INDY 5000 Weight:

165 lbs (74.8 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)

WattHours: 4914 WHrs

Charge Time: 4 Hours for Empty Batteries

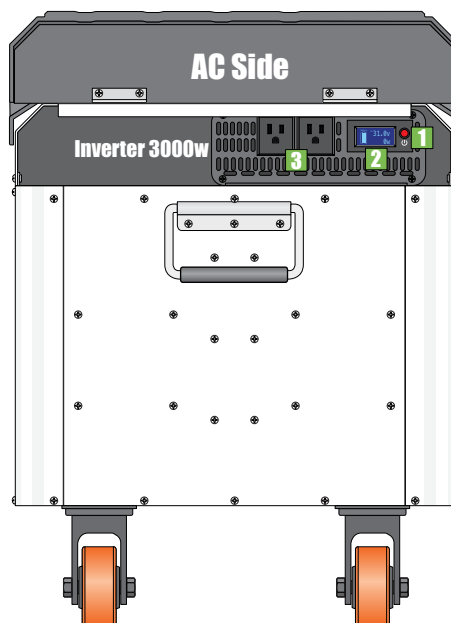
INDY 5000 Storage

Short Term INDY 5000 Storage (Up to 1 Week):

- 5°C to 25°C (41°F to 77°F)
- OK to leave on charger
- After depleting an Indy 5000 Battery, it is best to get the battery on a charger within a week.

Long Term INDY 5000 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



INDY 5000 AC Side Features

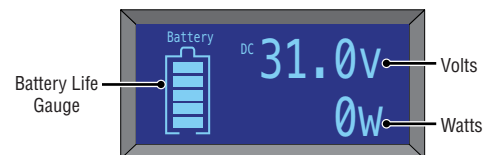
Inverter:

Pure Sine Wave internal inverter 3000W.

1 Power Switch:

Switch **MUST** be turned **ON** first to enable the **AC** output power.

2 Inverter LED Screen:



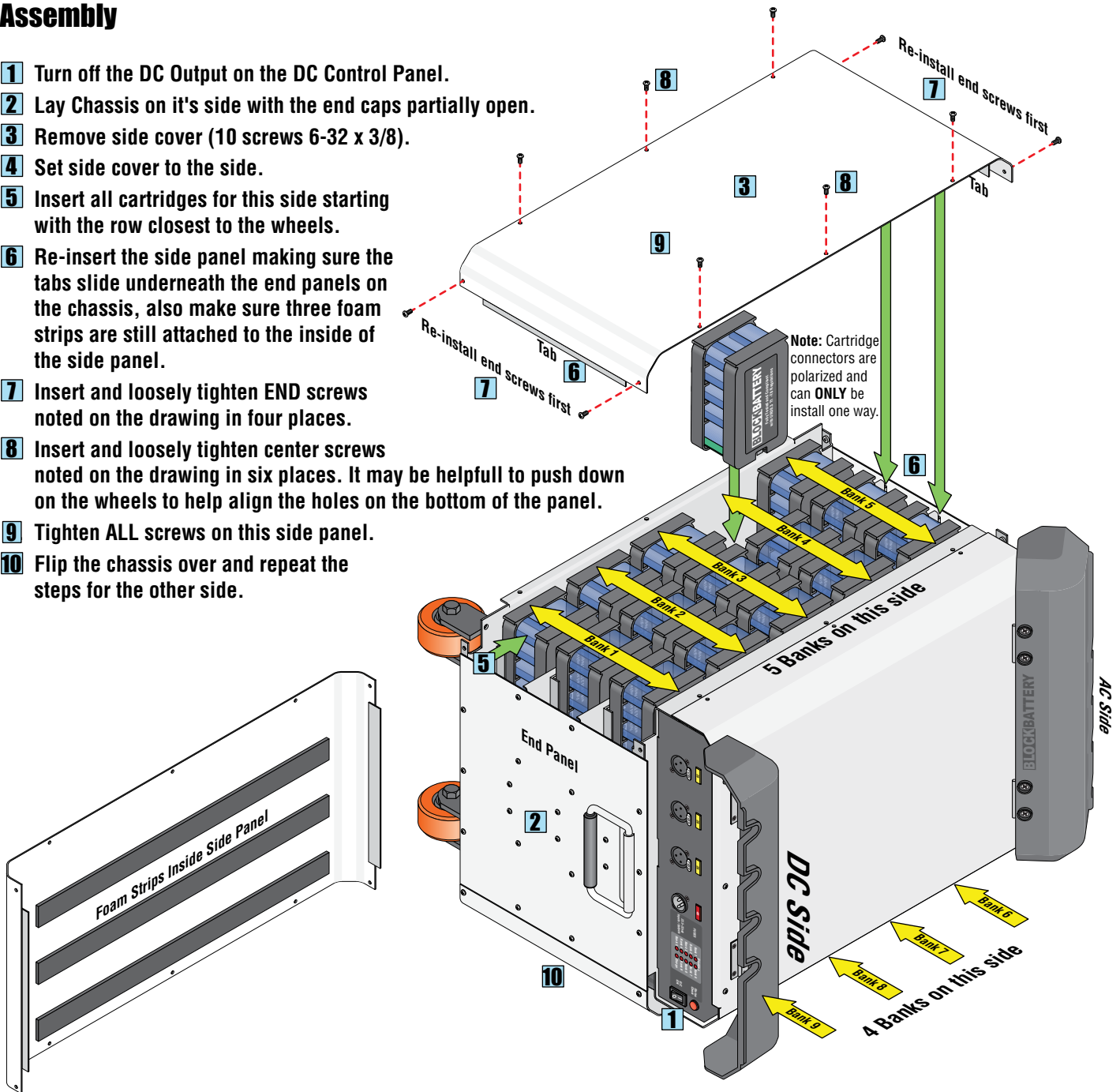
3 Two AC Duplex Outputs:

Combined to 2500 watts.

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

Assembly

- 1 Turn off the DC Output on the DC Control Panel.
- 2 Lay Chassis on it's side with the end caps partially open.
- 3 Remove side cover (10 screws 6-32 x 3/8).
- 4 Set side cover to the side.
- 5 Insert all cartridges for this side starting with the row closest to the wheels.
- 6 Re-insert the side panel making sure the tabs slide underneath the end panels on the chassis, also make sure three foam strips are still attached to the inside of the side panel.
- 7 Insert and loosely tighten END screws noted on the drawing in four places.
- 8 Insert and loosely tighten center screws noted on the drawing in six places. It may be helpful to push down on the wheels to help align the holes on the bottom of the panel.
- 9 Tighten ALL screws on this side panel.
- 10 Flip the chassis over and repeat the steps for the other side.



INDY 5000 Transportation Guidelines

The Indy 5000 is a Lithium Ion Block. While we have designed the Indy 5000 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 Indy 5000** is 4914 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. **Disassembled Indy 5000.** The cartridges in the INDY are easily removed by first removing the 2 side panels (10 screws on each side). 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 27- 182 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 Indy 5000 using air cargo shipments. Each cartridge is only 182 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).

BLOCK BATTERY