

I S O L A T E D   P O W E R   S E R I E S

# POWER The logo for 'POWER BOX' features the word 'POWER' in a white, bold, sans-serif font. To its right, the word 'BOX' is in a black, bold, sans-serif font, enclosed within a blue rectangular box with rounded corners.

The **Big Joe Power Box** series of products are DC power supplies designed to power guitar effects pedals and other guitar signal processing devices. The unique feature of all the products in this series is the fact that the individual outputs are electrically isolated from each other, and are supplied power from a single battery source, which is a condition not normally associated with battery power supplies. The primary differences between the various models are the number of isolated outputs, the battery capacity and the physical size and shape of the enclosure.

Electric guitar players utilize guitar effect pedals and signal processors to achieve various sounds that they desire in their playing. These devices are typically placed on the floor in front of the guitar player and are connected to the guitar with a guitar cable and then connected to a guitar amplifier. These devices are generally powered with a 9v battery or an AC/DC power source and are typically used in environments like, recording studios, arenas, nightclubs etc.

# POWERBOX iso4

The iso4 is a re-chargeable lithium ion DC power supply for guitar players with a total output capacity of 750mA at 9v and a battery capacity of 26.6 W-HR.

Electrically the iso4 utilizes patented BiWire™, isolated output technology that isolates the positive and negative ground wires and creates 4 outputs that are effectively individual 9v batteries that will all last the same time no matter how much power each individual pedal is pulling. And since all the outputs are fully isolated from each other, cross talk noise and interference between effects pedals in the chain is effectively eliminated.

**MSRP: \$169**



# iso 4



## OVERVIEW

The **iso4** is a re-chargeable lithium Ion powered DC power supply for guitar players with a total output capacity of 750mA at 9v and a battery capacity of 26.6 W-HR.

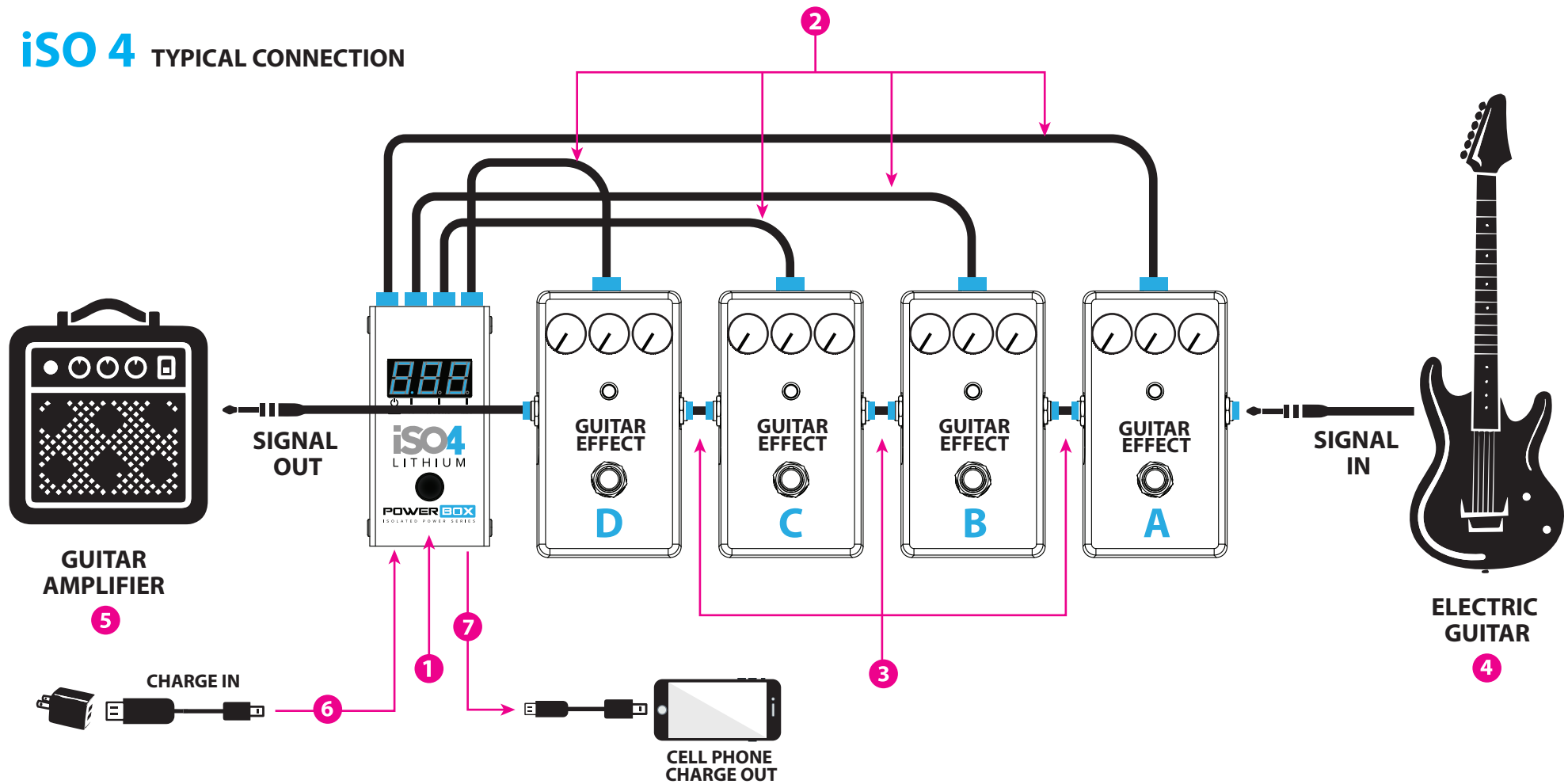
Electrically the **iso4** is divided into four (4) isolated outputs each with a max recommended output of 500mA.

## CONTROLS, JACKS & SWITCHES

- 1 Outputs:** Four (4) 9v isolated outputs. 500mA max per output, 750mA combined total max.
- 2 USB-type A output:** 500mA courtesy output for charging cell phone or similar devices.

- 3 USB-type C input:** battery charge input for use with USB charge cube
- 4 Mode Select Button:** Toggle through 3 modes: Percent charged, Hours remaining and mA draw.
- 5 LED Display:** Digital display showing battery status and output information.
- 6 Power Switch:** On and off switch
- 7 LED:** LED on when charging. LED off when fully charged or cable not connected. Flashing when a charging error occurs.

## iSO 4 TYPICAL CONNECTION



### HOW THE PRODUCT IS USED

- 1 iso4**
- Guitar effects are plugged into one of the four (4) power outputs on the back of the **iso4** power supply which provides the power required to operate the guitar effects.
- Guitar effects are then connected in series to each other with small guitar connection cables.
- Electric guitar is connected to input of first guitar effect **A** in chain of guitar effects with a standard guitar connection cable.
- Guitar amplifier is connected to the output of last guitar effect **D** in the chain of guitar effects with a standard guitar connection cable.
- USB-C input** for 2.1 Amp power cube and connection cable.
- USB-A output** 5v 500mA output for cell phone charge or other similar devices.

# POWERBOX iS08

The iso8 is a re-chargeable lithium Ion DC power supply for guitar players with a total output capacity of 2.0 amps at 9v and a battery capacity of 51.8 W-HR.

Electrically the iso8 utilizes patented BiWire™, isolated output technology that isolates the positive and negative ground wires and creates 8 outputs that are effectively individual 9v batteries that will all last the same time no matter how much power each individual pedal is pulling. And since all the outputs are fully isolated from each other, cross talk noise and interference between effects pedals in the chain is effectively eliminated.

**MSRP: \$299**





# iso 8



## OVERVIEW

The **iso8** is a re-chargeable lithium Ion powered DC power supply for guitar players with a total output capacity of 2.0 amps at 9v and a battery capacity of 51.8 W-HR.

Electrically the **iso8** is divided into three (3) output blocks each with a max output capacity per block of 750mA at 9v.

## CONTROLS, JACKS & SWITCHES

**1 Block A:** Four (4) 9v isolated outputs. 500mA individual output max; total combined output max 750mA.

**2 Block B:** Three (3) isolated outputs: two (2) 9v and, one (1) switchable between 9v and 18v. 500mA at 9v individual output max; total combined output max 750mA at 9v.

**3 Block C:** One (1) isolated output switchable between 9v and 12v. 750mA at 9v max output.

**4 USB-type A output:** 5v 500mA Courtesy output for charging cell phone or similar devices.

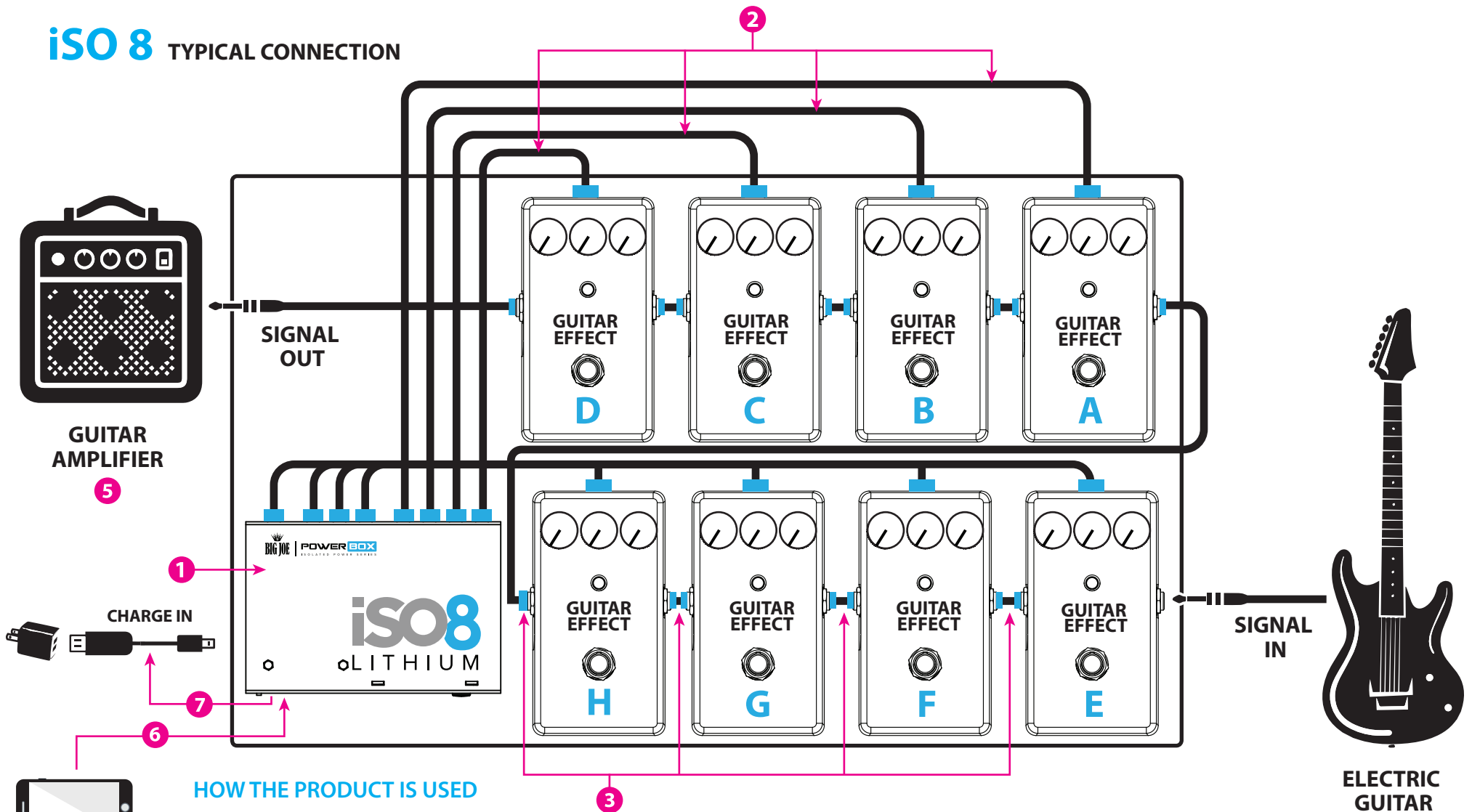
**5 USB-type C input:** battery charge input for use with USB charge cube. LED is illuminated while charging. LED turns off when fully charged or cable not connected. Flashing when a charging error occurs.

**6 Power Switch:** On and off switch

**7 Status Button:** Tactile switch that scrolls thru Five (5) battery status parameters: Run Time, % Battery charge, mA load Block A, mA load Block B and mA load Block C.

**8 LED Display:** Digital display showing battery status information.

# iso 8 TYPICAL CONNECTION



## HOW THE PRODUCT IS USED

- 1 iso8
- 2 Guitar effect are plugged into one of the eight (8) power outputs on the back of the iso8 power supply which provides the power required to operate the guitar effect.
- 3 Guitar effects are then connected in series to each other with small guitar connection cables
- 4 Electric guitar is connected to input of first guitar effect A with a standard guitar connection cable.
- 5 Guitar amplifier is connected to the output of last guitar effect in the chain of guitar effects H with a standard guitar connection cable
- 6 **USB-C** USB-C input for 2.1 Amp power cube and connection cable.
- 7 **USB-A** 5v 500mA output for cell phone charge or other similar devices.

# PRODUCT COMPARISON CHART

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