



REPLACEMENT POWER SUPPLY FOR WEDECO DLR/AQUADA SERIES

P/N DI-BLSTA0051

The DI-BLSTA0051 Replacement Power Supply is designed to replace the existing Wedeco control box which is no longer supported by the manufacturer. It will provide proper operation of the lamp and offer many of the same features as the original equipment using non-proprietary components.

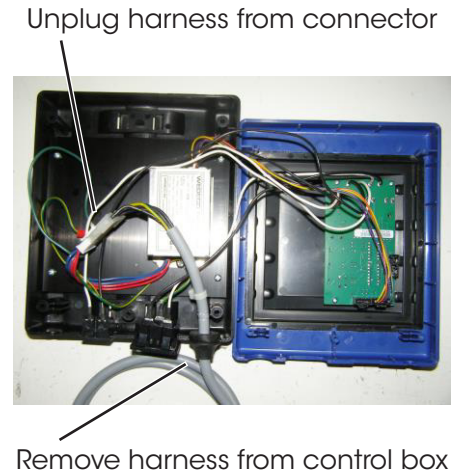
DI-BLSTA0051 Replacement Power Supply offers the following features:

1. 365-day lamp replacement timer
2. Audio indication of lamp failure
3. LED indication of lamp status



REPLACEMENT INSTRUCTIONS

1. Unplug the power cord and solenoid cord (if present) from the control box and unplug the lamp harness from the UV lamp on the unit. Remove the original Wedeco control box from the unit.
2. Turn the Wedeco control box over to expose the back of the box, find and remove the five screws holding the box together and separate the front panel from the back panel to expose the contents.



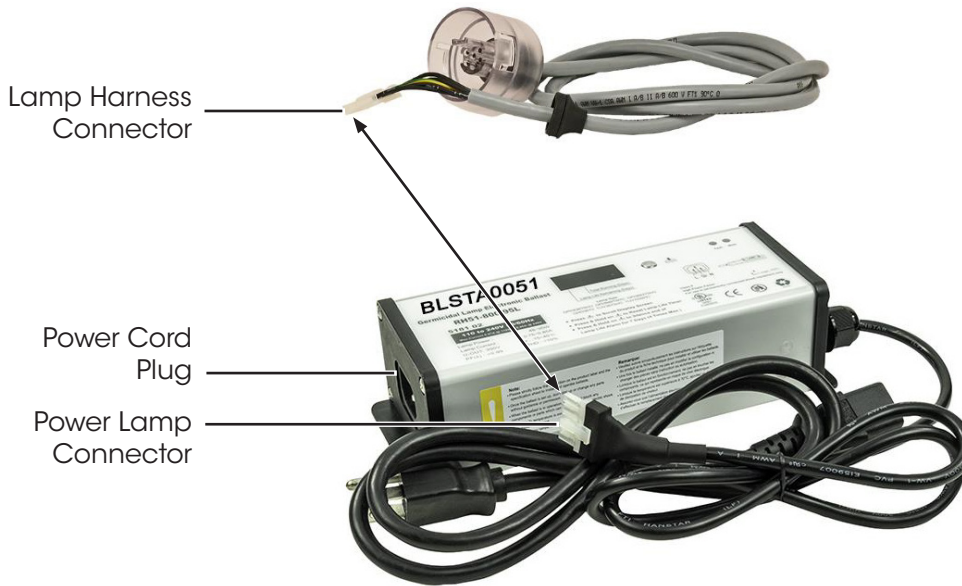
3. Remove the lamp harness and set it aside for use with the new power supply.



4. Mount the new power supply on the wall.

WARNING: Do not plug the ballast power supply cord into the outlet until the UV lamp has been connected to the lamp connector.

5. Attach the lamp connector on the existing lamp harness to the lamp connector on the new power supply and secure.



6. Reset Countdown Timer

Your Wedeco UV unit is designed to provide proper disinfection at end of lamp life. Prior to end of lamp life, your unit is providing more than adequate disinfection. One of the benefits of UV disinfection is that one cannot overtreat with UV, so units are designed to overtreat when the lamp is new, and to provide proper disinfection as lamp intensity degrades with use. Lamp life is defined at 60% UV intensity, which occurs at 9,000 hours (one year) of continuous use. The countdown feature of the power supply is designed to alert when the end of lamp life is approaching, so a new lamp can be ordered.

Caution: When replacing the power supply, it should be either manually noted when the existing lamp should be replaced, or a new lamp should be put in the unit to coincide with the lamp countdown feature of the power supply.

Press and hold the operation button until the ballast displays "rSET" (about 10 seconds). Continue holding the button down until it displays "365" (about 5 seconds) and gives one short beep to confirm reset.

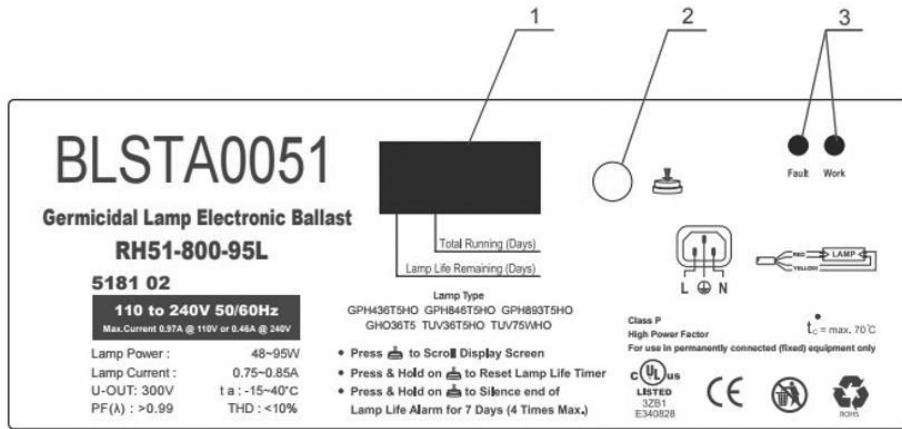
The internal clock is now set to 365 days and will count down to the end of lamp life.

7. Once a new lamp has been securely installed and connected, plug in the power cord.

The ballast will turn on, the LED will turn green and continue to glow green while the lamp is on and operational. The display will show the number of remaining lamp life days (365 for a new system or new lamp), and the lamp will power up. Allow at least 1-3 minutes for the lamp to come to full power. Your unit is now ready for use.

CAUTION: UV Rays are harmful. Do not look at the lamp without proper eye protection!

OPERATION & MONITORING



- 1) The **Display Screen** will scroll to show the total number of days of lamp operation and the number of days remaining in lamp life.
- 2) The **Operation Button** is used to scroll through the display screen, silence the end of lamp life alarm, and reset the lamp life timer. When power is turned on, the power supply displays the days of remaining lamp life on the display screen. To operate the display screen, press the operation button to scroll. Press the operation button for one second to switch the display to show the overall ballast working days. Press again to return to the lamp life display.
- 3) The **“Green” LED** glows when the lamp is operational and the **“Red” LED** glows when the lamp is in a fault state. The audible alarm will sound when the lamp has reached its end of life or has failed.

To **Silence End of Lamp Life Alarm**, press and hold the operation button for 5 seconds. The alarm has the ability to silence in 7-day increments with a maximum of 4 times. If the display reads “A3”, this is an indication the lamp has reached its end of lamp life. If you have silenced the lamp life alarm, “A3” will continue to display when the remaining lamp life goes from 1 to 0 (4 times max). After the fourth silencing of the alarm, the display will stay at “0” and the alarm will sound continuously. Your UV lamp must now be replaced. Make sure to unplug the ballast before installing a new lamp. Once a new lamp has been connected to the lamp socket and installed, plug in the ballast and follow the “Reset Lamp Life Timer” procedure below.

To **Reset Lamp Life Timer**, press and hold on the operation button until ballast displays “rSET” (about 10 seconds). Continue holding the button down until it displays “365” (about 5 seconds) and gives one short beep to confirm reset.