



## Thank you for choosing our products

If you are tired of carrying multiple power packs and dealing with a mess of power and data cables, our Ultimate Powerbox is the absolute solution. Our idea is one enclosure that makes available a sufficient number of amperes. No cables disturb the movements of the mount and the instrument, only the general power cord and one USB data cord comes to the Ultimate Powerbox from which branch off the other cables powering all devices.

### Operating Instructions

- Plug the external environmental sensor, the 12V power cables and PC USB cable to the device.
- Plug the power supply (battery or power pack) in the 2.5mm socket. Please notice that the device supports 12V DC, 2-20 Amps power supply only.
- Device will boot after two seconds and the red indication LED will blink three times. This means that firmware was loaded successfully and the “Ultimate Powerbox” is now fully operational.
- Default settings provide 12V DC to all four outputs. Dew Heater outputs are off after boot.
- Connect the USB Cable to your PC/ Laptop.
- Download software from <http://pegasusastro.com/support> , follow installation and connect to the device.

Place the “Ultimate Powerbox” on the dovetail of your telescope / mount. We strongly recommend to follow this kind of approach and have the device near your telescope. Power cable length is adequate to connect all of your equipment to the powerbox. Finally, only two cables are leaving your mount. (3m USB data cable and the power cable).

**Portability Hint:** Pick up your favorite PC Stick and place it near the “Ultimate Powerbox”.



Front


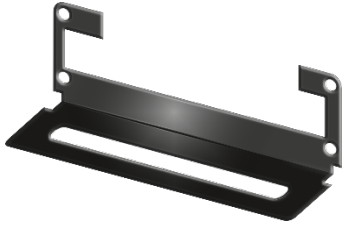


Rear

From left to right:

1. 4 Channel x 12V DC Outputs (7 Amps each)
2. 2 Channel x 12V DC PWM Duty Cycle Outputs – For dew heaters or Flatbox (7 Amps each)
3. Input Power 12V DC 2.5mm (positive tip)
4. Indication Status LED
5. USB PC
6. 6 x Port USB2 Industrial Hub – 6<sup>th</sup> port can provide 3 Amps of current (check manual for further info)
7. Environmental Sensor (Humidity, Temperature)
8. Focus Output for Unipolar Stepper Motor

|   |   |  |
|---|---|--|
| <p><b>What is inside the box</b></p>  |  <p>Ultimate Powerbox Unit</p>        |  <p>1 x DC Cable (2.5m) to Cigarette Lighter Adapter (8A fused)</p> |
|  <p>4 x Power Cables (1 meter)</p> |  <p>1 x USB Cable Type B (3meters)</p> |  <p>1 x Environmental Sensor (1meter)</p>                           |

**Optional**

|   |  |
|---|--|
|  <p>Pegasus Stepper Motor Kit</p>                                 |  <p>Pair (x2) of Dovetail Brackets</p>            |
|  <p>USB cable converter to 7.4V DC with DSLR battery coupler</p> |  <p>1 x Stepper Cable (1m) &amp; DB9 adapter</p> |

Device is covered by two (2) years warranty

For any questions or support contact: [info@pegasusastro.com](mailto:info@pegasusastro.com)