



Thank you for choosing our products

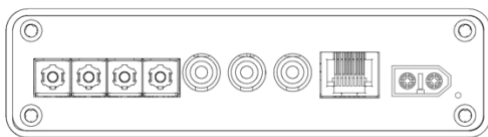
If you are tired of carrying multiple power packs and dealing with a mess of power and data cables, Pegasus Ultimate Powerbox v2 is the absolute solution. Our idea is one enclosure that makes available a sufficient number of amperes. No cables disturb the movements of the mount and the instrument, only the main power cord and one USB data cord comes to the Ultimate Powerbox v2 from which branch off the other cables powering all devices.

Operating Instructions

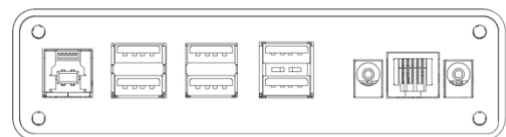
- Plug the external environmental sensor **into the EXT port**, your stepper motor **in the Motor Port**, the 12V DC power cables and USB cables to the device.
- Plug the power supply (battery or power pack) into the XT60 socket. Please notice that the device supports 12-13.8V DC, 5-20 Amps power supply only.
- Device will boot after three seconds and the blue indication LED will blink three times and stay solid ON. This means that firmware was loaded successfully and the “Ultimate Powerbox v2” is now fully operational.
- Default settings provide 12V DC to all four outputs. Dew Heater outputs are off after boot.
- Download software and manual from <http://pegasusastro.com/support> , follow installation and connect to the device.

Place the “Ultimate Powerbox v2” 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. (USB data cable and the power cable).

Portability Hint: Pick up your favorite mini PC or PC Stick and place it close to the “Ultimate Powerbox v2”.



FRONT



BACK

FRONT: From left to right:

- 4 Channel x 12V DC Outputs (6 Amps each)
- 3 Channel x 12V DC PWM Duty Cycle Outputs – For dew heaters / flatbox / fans (6 Amps each)
- Focus Output for Unipolar / Bipolar Stepper Motor
- Input Power 12V DC XT60 (positive tip)
- Led (blue) indicator

BACK: From left to right:

- Input USB3.1 / PC
- 4 (2 x Dual Stacked) Ports USB3.1 - Industrial Grade USB Hub
- 2 (1 x Dual Stacked) Ports USB2 - Industrial Grade USB Hub
- Variable Output / 3Amps Max
- Ext Port & Environmental Sensor (Relative Humidity /Temperature)
- Always ON / 12V Output

What is inside the box



Ultimate Powerbox v2



1 x DC Cable (XT60) to Cigarette Lighter (10 fused)



4 x Power Cables (1 meter)



1 x USB3 Cable Type B (1.8m)



1 x Environmental Sensor

Optional Accessories



Battery Coupler for DSLR /Mirrorless Cameras



Pair of Dovetail Brackets for UPBv2



Stepper Motor Cable (Robofocus Pinout) RJ45 to DB9



Power cable for Skywatcher EQ8 or Power cable for Skywatcher EQ6R / EQ6-AZ



Power Supply Unit 12v/10A XT60 Plug



Pegasus Stepper Motor Kit (Universal L shape Bracket or SCT Bracket)

Device is covered by two (2) years warranty
Designed and Assembled in Greece

For any questions and support please contact: info@pegasusastro.com