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Intelli Powerbox is a sophisticated device that can supply electric power to all of your astro - equipment. The box can deliver more than 30 Amps in total. It is fully remote PC controllable using the Bluetooth v2 technology and it can provide readings and graphs about major environmental & power metrics you need in the field. A GPS receiver is an optional accessory pre-installed in the device that can report the exact date & time, altitude and coordinates of your current location.

Operating Instructions

- Plug the power supply (battery or power pack) in the back of the powerbox. There is a 2 pin circular connector. Keep in mind that the device supports only 12V DC, 2-30 Amps power supply.
- Device will boot in less than 2 seconds and the red indication LED will blink three times. This means the firmware was loaded successfully and the **Intelli-powerbox** is now fully operational.
- Internal Bluetooth module will broadcast the “i-powerbox-xxxx” (where xxxx is a serial device number) identification to the Bluetooth channel.
- Use your laptop to connect to this Bluetooth device. Use the default PIN: **1234** to register the device with your laptop.
- Download software from <http://pegasusastro.com/support> and connect to the device.



1. 4 x 12V DC Outputs (10 Amps each)
2. 1 x 8V DC – DSLR Output (2 Amps)
3. 2 x 12V DC PWM Outputs – Dedicated for dew heaters (10 Amps each)
4. 1 x 12V DCPWM Output – Dedicated for Flatbox (1 Amp)
5. 1 x 5V DC Output – USB Hub power supply (3 Amps)
6. 1 x Temperature & Relative Humidity Sensor Input
7. Indication LED

Technical Specifications

Supply Voltage	12V DC (Reverse Polarity Protected)
Power Input Connector	2 PIN Circular Connector, Left Positive Pin (1)
Bluetooth Connectivity	Emulated Serial Port, Bluetooth Version 2.1. Max 10 meters operating distance
4 x 12V DC Outputs	Maximum Current 10A each , 2 Pin Circular Connector, Left Positive Pin
1 x 7.4V DC Output	Maximum Current 1.5A , 3 Pin Circular Connector, Left Positive Pin
1 x 5V DC Output	Maximum Current 3A , BNC Connector
2 x 12V PWM Outputs	Maximum Current 10A Each , Red colored RCA Connector, Pulse Width Modulated (Suitable for Dew Heaters)
1 x 12V PWM Output	Maximum Current 1A , Yellow colored RCA Connector, Pulse Width Modulated (Suitable for Flatbox)
1 x Sensor Input	Mini Stereo Jack, Connectivity with Environmental Sensor (Measures Temperature Rel. Humidity)
GPS Receiver (Optional – only in premium pack)	Internal Receiver, 50 Channels GPS L1 frequency, C/A Code SBAS: WAAS, EGNOS, MSAS, Cold start 30sec, Hot Start 1sec
Maximum delivered current	30 Amps in total
Dimensions	130mm x 130mm x 50 mm

Cables

4 x Circular Connector to DC Cables	Two (2) Pin Circular Connector to DC 2.1 positive socket, length 2.5m
1 x BNC Jack to multi jack cable	BNC type connector to one modular jacks (supporting 8 different diameter types of power jacks), length 1.8m
1 x Environmental Sensor	Mini Stereo Jack, Length 1m
1 x Cigarette Lighter Battery Jack	Length 1.5m

Power pack adapter specifications

Input	AC: 100V-240V
Output	12V DC
Max Current	8A (100W)
Output Jack	2 PIN Circular Connector, Left (1)Positive Pin
Cord Length	1 meter

Device is covered by one (1) year warranty

For any questions or support contact: info@pegasusastro.com