

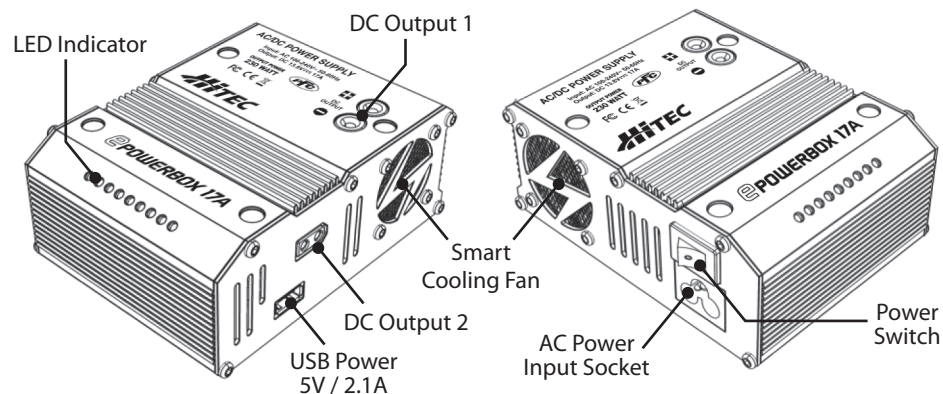
INSTRUCTION MANUAL



17A SWITCHING POWER SUPPLY ePOWERBOX 17A

INTRODUCTION

We thank you for purchasing Hitec's high performance, quality-crafted ePowerBox 17A power supply. Capable of converting standard household 100-240VAC power to 13.8VDC power, this professional charger delivers a maximum 17 amps of continuous power. The ePowerBox 17A is compatible with a variety of DC chargers yet, the X1 Pro Charger is designed to dock directly to it for ease, convenience and reliability. Combining technology to make your life simpler. Progress by Hitec!



FEATURES

- Wide Voltage Input Range of 100-240VAC for Worldwide Operation
- Active Power Factor Correction for a Lower AC Input Current and Less Interference
- Lightweight and Compact
- Two DC Power Outputs
- ON/OFF Power Switch
- 9 LED Indicator Lights Display Output Current Draw
- Built-in 5V/2.1A USB Power
- Smart Fan Cooling System
- Temperature Protection Circuit
- Built-in Safety Features
- Works Seamlessly with X1 Pro Charger

SPECIFICATIONS

Input Voltage:	100-240 Volts AC
AC Input Voltage Frequency:	50-60Hz
Output Voltage:	13.8 Volts DC \pm 0.2V
Output Current:	17 Amps \pm 0.5A
Current Overload Protection:	\geq 17.5A 500ms
Input Current Protection:	5A Fuse
Output Voltage Ripple:	<150mV
USB Output Voltage/Current:	5V / 2.1A
Power Efficiency:	91%
Power Factor :	>0.98
Temperature Protection Cutoff:	\geq 65°C
Cooling Method:	Temperature Controlled Fan
Operating Temperature Range:	0-40°C
Dimensions (L*W*H):	5 x 3.6 x 2 in. (125.7x92.7x50.2mm)
Net Weight:	21oz. (602g)

⚠ WARNING: IMPORTANT SAFETY INFORMATION

This manual contains important safety and operating instructions. Before you use the power supply, thoroughly read all the instructions and cautionary notes on the power supply and the products you will be connecting to the power supply.

- NEVER LEAVE YOUR ePowerBox UNATTENDED WHEN IN OPERATION.
- Not intended for use by children under 14 years of age.
- Do not use the power supply near water, for example: a bathtub, sink, wet basement, swimming pool or in the rain.
- Do not place the power supply on an unstable cart, stand or table. If the power supply falls, it could injure a person or cause serious damage to the power supply.
- Do not overload power outlets or extension cords. An overload can result in fire or electric shock.
- Do not disassemble this unit; take it to a qualified service technician or contact Hitec RCD USA support when service or repair is required. Improper reassembly may result in a risk of electric shock or fire.
- Do not use an attachment not recommended for this power supply as risk of fire, electrical shock or injury could occur.
- Never force an object into the slot in the power supply. It could touch dangerous voltage points or short out parts, resulting in a fire or electrical shock.

⚠ CAUTION - To reduce the risk of property damage or injury:

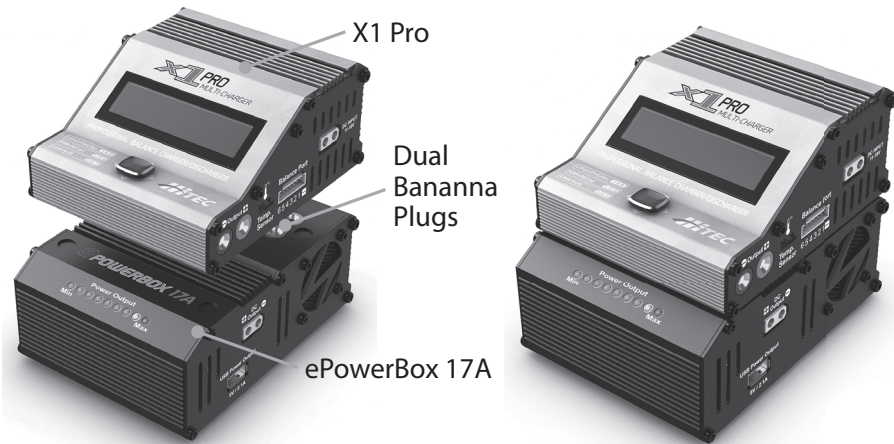
- Do not operate the power supply if it has been dropped or damaged in any way. Contact Hitec RCD USA support for repair.
- The power supply should be operated only from a standard AC outlet that provides 100-240VAC with a frequency range of 50/60Hz.
- To protect the power supply during a lightning storm or when it has been unused for a long period of time, unplug it from the AC outlet. This will prevent damage to the power supply from lightning and power surges.
- Unplug the power supply from the outlet before attempting any maintenance or cleaning.
- Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning and then wipe it dry immediately.
- If your power supply does not operate normally, particularly if any unusual sounds or smells are being emitted, unplug it immediately and contact Hitec RCD USA support for repair.

CAUTION: Make all other connections before you connect the power supply to standard AC power.

WARNING: Follow the correct polarity when connecting the power supply and the device to avoid damage to both the power supply and the device. Always connect the red (+) positive lead from your charger or other DC device to the red (+) positive terminal on the power supply, and the black (+) positive lead from your charger or other DC device to the black (+) positive terminal on the power supply. Never let the ends of the positive and negative wires touch each other while powered on.

Connecting to the X1 Pro Charger

On the top of the of the ePowerBox 17A there is a DC output specifically designed for use with our X1 Pro Charger. Remove the plastic short protectors from the charger and replace with the included dual sided banana clips. Now you can set the X1 Pro on top of the ePowerBox 17A for an integrated charging solution.



Connecting to Other Devices

You can connect the ePowerBox 17A to other devices by using the banana plugs on top of the unit or by utilizing the XT60 plug on the side.

OPERATION

To use the power supply after you connect the device to it, turn it on with the power switch on the side.



The LEDs indicate output power from minimum to maximum in 2 amp increments.

LED ERROR INDICATOR

In the event of a charger malfunction, such as overheating or short circuit, all LEDs will shut off. Correct the problems and restart the power supply.

RELATED PRODUCTS

X1 PRO - PROFESSIONAL BALANCE CHARGER/DISCHARGER



Input Voltage Range	11~18 Volts DC
Charge Circuit Power	180 Watts
Discharge Circuit Power	30 Watts
Charge Current Range	0.1-16.0 Amps
Discharge Current Range	0.1-8.0 Amps
LiPo, LiFe & Lilon Balancing Current Drain	200mA per Cell
LiPo, LiFe & Lilon Cell Count	1 - 6 Cells
Maximum NiCd/NiMH Cell Count	1 - 15 Cells
Lead Acid (Pb) Cells / Voltage	2 - 20 Volts
Dimensions (W x D x H)	3.6 x 4.4 x 2.0 in.
Weight	14.3 Ounces

ONE YEAR LIMITED WARRANTY

For a period of one year from the date of purchase, HITEC RCD USA, INC. shall REPAIR OR REPLACE, at our option, defective equipment covered by this warranty. This warranty does not cover cosmetic damages and damages due to acts of God, accident, misuse, abuse, negligence, improper installation, or damages caused by alterations by unauthorized persons. This warranty only applies to the original purchaser of this product, who purchased and used the product in the United States of America, Canada and Mexico.

THIS WARRANTY IS IN LIEU OF ANY AND ALL OTHER WARRANTIES, WHETHER FOR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHETHER EXPRESS OR IMPLIED. REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY. HITEC RCD USA, INC. SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY RELATING TO THIS PRODUCT, EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW.

STATE OF CALIFORNIA PROPOSITION 65 WARNING:

This product contains chemicals known to the State of California to cause cancer. Use caution when handling this product and avoid exposure to any electronic components or internal assemblies.

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