



## Power Station 250W (DYN4200)

### Power Station 250W (DYN4200) Features:

- Universal AC input voltage range and detachable AC power cord
- Short-circuit, over current and over temperature protection circuitry
- Chassis mount, rocker style, AC power switch
- Power ON indicator light (Red LED)
- Color coded, banana jack, power output terminals (Red = Positive, Black = Common)

### Specifications:

- **Input Voltage:** 100-240VAC (50/60Hz)
- **Output Voltage:** 15VDC +/- 0.25VDC
- **Output Current:** 16.5A/250W
- **Operating temperature:** 0° to 140° F (0°C to +60°C)

NOTICE: All instructions, warranties, and other collateral documents are subject to change at the sole discretion of Horizon Hobby, Inc. For up to date product literature, visit <http://www.horizonhobby.com>

### Meaning of Special Language:

The following terms are used throughout the product literature to indicate various levels of potential harm when operating this power supply:

**NOTICE:** Procedures, which if not properly followed, create a possibility of physical property damage AND a little or no possibility of injury.

**CAUTION:** Procedures, which if not properly followed, create the probability of physical property damage AND a possibility of serious injury.

**WARNING:** Procedures, which if not properly followed, create the probability of property damage, collateral damage, and serious injury OR create a high probability of superficial injury.

NOTICE: This is a sophisticated hobby product and NOT a toy. It must be operated with caution and common sense and requires some basic mechanical ability. Failure to operate this Product in a safe and responsible manner could result in injury or damage to the Product or other property. This Product is not intended for use by children without direct adult supervision. This Product manual contains instructions for safety, operation and maintenance. It is essential to read and follow all the instructions and warnings in this manual, prior to assembly, setup or use, in order to operate correctly and avoid damage or injury.

### Operating Instructions

1. Ensure the power switch is set to OFF—the side of the rocker switch marked with a circle “○” should be pushed in.
2. Attach the banana plugs of your charger's DC power input cable to the power supply's banana plug jacks. Insert the positive (+) cable into the Red (+) jack and the common or negative (-) cable into the Black (-) jack.
3. Insert the AC power cord in the charger and make sure it is fully seated. Plug the other end of the AC power cord into an appropriate power socket.
4. Turn the power supply ON by pressing the side of the rocker switch marked with a vertical line “|”. The power indicator LED should glow red. The internal cooling fan will begin to rotate and the charger should turn ON.
5. If for any reason the charger draws more than 16.5 amps, short circuits or causes the power supply to run too hot, then the power supply's automatic protection circuits will activate and stop the operation of the power supply until the condition is resolved.
6. To turn the power supply OFF, press the side of the rocker switch marked with a circle “○”.

## **OTHER WARNINGS AND PRECAUTIONS**

**Failure to exercise caution while using this product and comply with the following warnings could result in product malfunction, electrical issues, excessive heat, FIRE, and ultimately injury and property damage.**

- Read all safety precautions and literature prior to use of this product.
- **Never** leave the power supply, charger and battery unattended during use.
- **Never** attempt to dismantle the power supply.
- **Never** attach your charger to both a DC and an AC power source at the same time.
- **Never** reverse the positive and negative terminals. Wrong connection will cause damage to the charger.
- **Never** allow minors to operate the power supply and charger without adult supervision.
- **Never** connect a charger if the power cable has been pinched or shorted.
- **Always** terminate all processes and contact Horizon Hobby if the product malfunctions.
- **Always** keep the power supply away from any material that could be affected by heat.
- **Always** monitor the area, use a fire alarm and have a fire extinguisher available at all times.

## **WARRANTY AND REPAIR POLICY**

### **Limited Warranty Period:**

Horizon Hobby, Inc., (Horizon) warrants that the Products purchased (the "Product") will be free from defects in materials and workmanship for a period of 1 year from the date of purchase by the Purchaser.

### **1 Year Limited Warranty:**

**Horizon reserves the right to change or modify this warranty without notice and disclaims all other warranties, express or implied.**

(a) This warranty is limited to the original Purchaser ("Purchaser") and is not transferable. REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE PURCHASER. This warranty covers only those Products purchased from an authorized Horizon dealer. Third party transactions are not covered by this warranty. Proof of purchase is required for all warranty claims.

(b) Limitations- HORIZON MAKES NO WARRANTY OR REPRESENTATION, EXPRESS OR IMPLIED, ABOUT NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OF THE PRODUCT. THE PURCHASER ACKNOWLEDGES THAT THEY ALONE HAVE DETERMINED THAT THE PRODUCT WILL SUITABLY MEET THE REQUIREMENTS OF THE PURCHASER'S INTENDED USE.

(c) Purchaser Remedy- Horizon's sole obligation hereunder shall be that Horizon will, at its option, (i) repair or (ii) replace, any Product determined by Horizon to be defective. In the event of a defect, these are the Purchaser's exclusive remedies. Horizon reserves the right to inspect any and all equipment involved in a warranty claim. Repair or replacement decisions are at the sole discretion of Horizon. This warranty does not cover cosmetic damage or damage due to acts of God, accident, misuse, abuse, negligence, commercial use, or modification of or to any part of the Product. This warranty does not cover damage due to improper installation, operation, maintenance, or attempted repair by anyone other than Horizon. Return of any Product by Purchaser must be approved in writing by Horizon before shipment.

### **Damage Limits**

HORIZON SHALL NOT BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES, LOSS OF PROFITS OR PRODUCTION OR COMMERCIAL LOSS IN ANY WAY CONNECTED WITH THE PRODUCT, WHETHER SUCH CLAIM IS BASED IN CONTRACT, WARRANTY, NEGLIGENCE, OR STRICT LIABILITY. Further, in no event shall the liability of Horizon exceed the individual price of the Product on which liability is asserted. As Horizon has no control over use, setup, final assembly, modification or misuse, no liability shall be assumed nor accepted for any resulting damage or injury. By the act of use, setup or assembly, the user accepts all resulting liability.

If you as the Purchaser or user are not prepared to accept the liability associated with the use of this Product, you are advised to return this Product immediately in new and unused condition to the place of purchase.

Law: These Terms are governed by Illinois law (without regard to conflict of law principals).

## **WARRANTY SERVICES**

### **Questions, Assistance, and Repairs**

Your local hobby store and/or place of purchase cannot provide warranty support or repair. Once assembly, setup or use of the Product has been started, you must contact Horizon directly. This will enable Horizon to better answer your questions and service you in the event that you may need any assistance. For questions or assistance, please direct your email to [productsupport@horizonhobby.com](mailto:productsupport@horizonhobby.com), or call 877.504.0233 toll free to speak to a Product Support representative. You may also find information on our website at [www.horizonhobby.com](http://www.horizonhobby.com).

### **Inspection or Repairs**

If this Product needs to be inspected or repaired, please use the Horizon Online Repair Request submission process found on our website or call Horizon to obtain a Return Merchandise Authorization (RMA) number. Pack the Product securely using a shipping carton. Please note that original boxes may be included, but are not designed to withstand the rigors of shipping without additional protection. Ship via a carrier that provides tracking and insurance for lost or damaged parcels, as Horizon is not responsible for merchandise until it arrives and is accepted at our facility. An Online Repair Request is available at [www.horizonhobby.com](http://www.horizonhobby.com) <http://www.horizonhobby.com> under the Repairs tab. If you do not have internet access, please contact Horizon Product Support to obtain a RMA number along with instructions for submitting your product for repair. When calling Horizon, you will be asked to provide your complete name, street address, email address and phone number where you can be reached during business hours. When sending product into Horizon, please include your RMA number, a list of the included items, and a brief summary of the problem. A copy of your original sales receipt must be included for warranty consideration. Be sure your name, address, and RMA

number are clearly written on the outside of the shipping carton.

**Notice: Do not ship batteries to Horizon. If you have any issue with a battery, please contact the appropriate Horizon Product Support office.**

**Warranty Inspection and Repairs**

**To receive warranty service, you must include your original sales receipt verifying the proof-of-purchase date.** Provided warranty conditions have been met, your Product will be repaired or replaced free of charge. Repair or replacement decisions are at the sole discretion of Horizon.

**Non-Warranty Repairs**

**Should your repair not be covered by warranty the repair will be completed and payment will be required without notification or estimate of the expense unless the expense exceeds 50% of the retail purchase cost.** By submitting the item for repair you are agreeing to payment of the repair without notification. Repair estimates are available upon request. You must include this request with your repair. Non-warranty repair estimates will be billed a minimum of ½ hour of labor. In addition you will be billed for return freight. Horizon accepts money orders and cashiers checks, as well as Visa, MasterCard, American Express, and Discover cards. By submitting any item to Horizon for inspection or repair, you are agreeing to Horizon's Terms and Conditions found on our website under the Repairs tab.

**Declaration of Conformity**

(in accordance with ISO/IEC 17050-1)

No. HH2010112801



Product(s): DYN Vision Power Station 250W  
Item Number(s): DYN4200, DYN4200EU, DYN4200UK

The object of declaration described above is in conformity with the requirements of the specifications listed below, following the provisions of the European EMC Directive 2004/108/EC and LVD Directive 2006/95/EC:

- |              |                                       |
|--------------|---------------------------------------|
| EN55022      | Radio disturbance characteristics     |
| EN 61000-3-2 | Limits for harmonic current emissions |
| EN 61000-3-3 | Limitation of voltage supply systems  |
| EN55024      | Immunity characteristics              |
| EN 60950     | Safety                                |

Signed for and on behalf of:  
Horizon Hobby, Inc.  
Champaign, IL USA  
Nov 28, 2010

Steven A. Hall  
Vice President  
International Operations and Risk Management  
Horizon Hobby, Inc.



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