



## **Direct Power Deep Cycle Series Warranty Policy for Renewable Energy Applications**

### **Direct Power Series**

#### **18 MONTH GUARANTEE**

Power Battery Company Inc. (PBC) guarantees to the original end user that Direct Power Series batteries with advanced flooded technology will be free of defects in material and workmanship for 18 months in all renewable energy applications only from date of shipment from PBC, not including freight charges. PBC must be notified immediately upon suspicion of any possible defects and be given the authority to inspect any questionable sites. If Power Battery Company Inc. determines the batteries to be defective due to faulty material or workmanship, it will repair or replace them at its option, without charge, FOB factory.

#### **GENERAL OPERATING & WARRANTY CONDITIONS**

1. Charging voltage 2.20-2.35 VPC (float), 2.4 – 2.5 VPC (Bulk) and 2.55 – 2.65 VPC (Equalization) at 25 deg. C. The batteries are assumed to be used in cycling service. If used with solar panels as chargers, there must be a high quality charge controller between the solar panels and batteries.
2. Temperature:
  - A. Average annual ambient temperature shall not exceed 77 deg. F/25 deg. C.
  - B. Cell temperature shall not exceed 92 deg. F/33 deg. C. for more than 30 days per year.
3. The batteries must not be contaminated by any foreign matter.
4. This warranty does not apply to broken containers, covers or battery terminals which have been frozen or damaged due to neglect or abuse such as fire, flooding, explosives or misuse or any acts of nature. This warranty only covers manufacturing defects.
5. Registration, installation and periodic inspection reports regarding temperature and conditions of use are to be maintained by the end user and made available to PBC on request to support any warranty adjustment claim.
6. All batteries should be recharged immediately following a discharge.
7. Batteries shall be boost charged every 3-6 months, while in storage, prior to final installation.
8. No battery will be covered under warranty in the event of improper installation and maintenance such as overcharging, undercharging, charging or installing in reverse polarity.
9. All maintenance functions (handling, storage, installation and operation) must be performed in accordance with PBC's HPF Field maintenance guide.

Note: PBC's batteries are rated to supply at least 95% of capacity at C/8 upon shipment. These batteries will reach 100% capacity after approximately 25 cycles.

The user is responsible for the shipping costs of all warranty replacements.

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