

STORAGE PROCEDURES

Storage of Ni-Cd Batteries:

Cells filled and charged the factory and storage less than 12 months

If cells are stored filled, they must be fully charged prior to storage. Cells may be stored filled and charged for a period not exceeding 12 months from date of dispatch from factory. Storage of a filled battery at temperatures above +30°C (+86°F) can result in permanent change and loss of product performance, depending on the duration of the storage above the maximum recommended temperature.

Store the battery indoors in a dry, clean, cool location (0°C to +30°C / +32°F to +86°F) and well ventilated space. Do not store in direct sunlight or expose to excessive heat.

When deliveries are made in polywood boxes, open the boxes before storage. The lid and the packing material on top of the cells must be removed.

After 6th month measure cell voltages , if it is less than 1.0V/cell , so need to charge batteries with followed charging current during 8 hour.

Before use , Charge batteries for 10 h at 0.2 C5 A recommended (for LBE 600P it is 120Amper).

Safety precautions:

- **WARNING:** Risk of fire, explosion, or burns. Do not disassemble, heat above 70°C, or incinerate.
- Never smoke while performing any operation on the battery.
- For protection, wear rubber gloves, long sleeves and appropriate splash goggles or face shield.
- The electrolyte is harmful to skin and eyes. In the event of contact with skin or eyes, wash immediately with plenty of water. If eyes are affected, flush with water, and obtain immediate medical attention.
- Remove all rings, watches and other items with metal parts before working on the battery.
- Use insulated tools.
- Avoid static electricity and take measurements for protection against electric shocks.

- Discharge any possible static electricity from clothing and/or tools by touching an earth-connected part “ground” before working on the battery.
- Ventilation, in accordance with the IEC 62485-2 standard, is mandatory during commissioning and operation.

Storage of UPS, Battery Chargers and Inverters:

- 1- Check the Battery charger and inverter that it has not any cable connection or battery before living the UPS in a storage place.
- 2- Disconnection of the cables should be done by an authorized service personal.
- 3- Store Battery charger and inverter in a cool and dry place.
- 4- Ideal storage temperature for Store Battery charger and inverter: 0 C to 40 C max.
- 5- Store Battery charger and inverter should be fixed on its pallet for transporting. It should be carried by a forklift with it’s pallet.
- 6-Make sure that storage area will be dustproof and not on location on airflow
- 7-Make sure that products & packages will not be under atmospheric effect, should be stored on closed area.
- 8-Make sure that product’s covers & doors are closed position
- 9-Product’s pallets should be placed on straight floor
- 10-where pallets are placed; make sure it is on a floor where water will not accumulate