IP DECT (100 Series & GDC-800)

Guidelines to Lithium Batteries

Please read this guide carefully before operating your set. Retain it for future reference.

iPECS is an Ericsson-LG Brand

Document Information

Issue	Date	Description of Changes
1.0	2014-10-24	Initial release
1.1	2019-03-08	Added 100 series

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Guidelines to Lithium Batteries

1. Initial Use

The lithium ion battery in your device is warranted for 6 months from date of purchase. While these batteries require no special attention, following the recommendations in this guide should extend the useful service life and safety.

Fully discharging and recharging of a new battery may be beneficial in calibrating the battery.

NOTE

Read the user guide before using the batteries to assure the longest useful life and safety.

2. Use

Always keep the batteries at room temperature; exposing the battery to elevated temperature, such as under window or car windshield in direct sunlight, will shorten the batteries useful life span and may cause damage. The batteries should not be operated below 0°C or above 40°C. Use only the charger(s) listed in the user manual to charge the batteries.

Do not:

- short circuit, over-charge or over-discharge the batteries
- attempt to disassemble batteries
- pierce the batteries with nail or other sharp object
- immerse the batteries in water or expose the batteries to moisture
- strike, throw or subject the batteries to severe physical shock
- solder directly on the terminals of the batteries.

Any of the above will invalidate the warranty.

When the battery is discharged, recharge the battery as soon as possible. If the battery is left in a discharged state for an extended period, it may not be possible to recharge the battery.

Keeping the battery in the constant charging mode for an extended period will shorten its life, and may cause the battery to deform.

Avoid frequent full discharges of the batteries. Fully discharge the batteries only after 25-30 charge cycles.

If the device is not in service for an extended period (more several weeks), remove the battery from the device. Refer to the **STORAGE** section later in this guide for disposition.

3. Replacement

Rechargeable batteries have a limited number of charge cycles, and eventually need to be replaced and disposed of. The capacity of the battery to maintain a charge gradually decreases with use. The rate of decrease depends on the depth of discharge and operating temperatures; the deeper the batteries are discharged and the higher the ambient temperature, the shorter the service life.

For best performance of your device, we recommend replacing weak batteries as soon as possible.

Signs of weak batteries:

- Batteries discharge faster than normal
- Service time for the battery is much shorter
- A weak battery charges faster than normal

4. Disposal

Lithium batteries contain metallic lithium that will interact with moisture unpredictably, so these batteries must be disposed appropriately. Spent batteries should be discharged fully prior to disposal. Please check with your local government about their Rechargeable Battery Recycling Program.

CAUTION

Under no circumstances should batteries be incinerated as this may cause the batteries to explode violently.

5. Storage

Note that even though in storage batteries will age and experience permanent loss of battery capacity. To minimize the aging process while in storage, consider the following:

- Store in a cool dry place, higher temperatures accelerate the aging process
- The battery is best stored when approximately half charged
- Remove the battery from the device, and pack and seal in clean insulated bag
- Avoid possible freezing

CAUTION

In case of exposure to the electrolyte, flush the affected area with water immediately. If eye exposure occurs, flush with water for 15 minutes and consult a physician immediately.

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