



2-POWER®

Circular Computing™ New Battery Care Guide

Important, please do not ignore

How to calibrate your new battery

6 Simple Steps

1. Install your new battery in laptop (it may already be installed).
2. Plug AC adapter into laptop.
3. Leave to charge fully.
4. Unplug AC adapter from laptop.
5. Discharge battery fully.
6. Repeat steps 2-5 for three to four cycles.

This will help the battery run in and make the charge level more accurate, getting the most life from it.

Our aim is total customer satisfaction and we encourage you to read these instructions, so you gain the maximum life from your new battery. For further details, please read this document carefully.

Rechargeable laptop battery instructions

1. Your new battery is shipped in a partially discharged state and like every Li-Ion battery requires to be run in. To do this simply place the battery pack into your laptop and repeat a full charge and discharge cycle 3-4 times. When you first place the battery pack into your laptop it is normal for the charge level of the laptop to be incorrect. This is because the charge level is still calibrated to the condition of your old battery. After you have completed the full charge and discharge cycle 3-4 times the charge level will become accurate again. Please beware until your laptop is calibrated to the condition of your new battery the laptop may cut off prematurely without warning, so it is suggested that you frequently save your data. It is also not uncommon for a new battery to not charge to 100% straight away. This does not mean the battery is faulty, simply turn off the laptop then remove and reinsert the battery and connect to AC power. The battery should continue to charge.

NB: Never force your battery completely out of charge by repeatedly turning your laptop back on after it has shut down due to low battery power. To do so will mean the safety circuit inside your battery pack may lose power and a safety switch may open, permanently disabling your battery.

2. Once run in avoid frequent full discharges because this puts additional strain on your battery. Several partial discharges with

frequent recharges are better for lithium-ion than one deep one. Recharging a partially charged lithium-ion does not cause harm because there is no memory. Short battery life in a laptop is mainly caused by heat rather than charge/discharge patterns.

3. Your laptop charge level should be calibrated by applying a deliberate full discharge and recharge once every 30 charges. If ignored, the charge level will become increasingly less accurate and in some cases cut off the laptop prematurely.
4. Keep the lithium-ion battery cool. Avoid leaving in a hot car. For prolonged storage, keep your battery at a 40% charge level and store for no longer than 30 days without using it. Failure to follow this instruction may result in your battery not being able to be recharged.
5. Consider removing the battery from a laptop when running on fixed power as this reduces the batteries exposure to heat from the laptop. The use of an older battery to act as a back up against power failure is suggested.
6. If you have a spare lithium-ion battery, use one to the fullest but make sure you use the spare at least once every 30 days. For best results, store the spare battery at 40% state-of-charge and in a cool place. Please be aware that the laptops charge level will still be calibrated to your main battery not your spare battery so unless you run in the spare battery the laptop may cut off prematurely.

Safety and disposal advice

Lithium-ion batteries can rupture, ignite, or explode when exposed to high temperatures (60°C), or direct sunlight. They should not be stored in a car during hot weather.

Short-circuiting a Li-ion battery can cause it to overheat, ignite or explode.

Never open or puncture a Li-ion battery's casing. Li-ion batteries contain safety devices that protect the cells inside from abuse. If damaged, these can also cause the battery to overheat, ignite or explode.

Never expose the battery to water or liquid.

Never dispose of in fire or water.

Never dispose of the battery in your normal trash. Please follow your local laws as to the proper disposal.



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