



"Made for iPod" means that an electronic accessory has been designed to connect specifically to iPod and has been certified by the developer to meet Apple performance standards.



"Works with iPhone" means that an electronic accessory has been designed to connect specifically to iPhone and has been certified by the developer to meet Apple performance standards.

## Before First Use

Before first use, fully charge your Smart Backup Battery until the blue 100% LED illuminates, in about 3.5 hours. However, we recommend a full overnight charge for two nights in a row when you first receive it. You can use the backup battery in the meantime, but give it a couple of full overnight charges to make sure you get maximum battery capacity exercised.

The backup battery's capacity is equal to about 70-80% of the iPhone battery. If you have a 20-30% charge remaining in your iPhone, a fully-charged backup battery will bring the iPhone back to about a full charge. Once your iPhone is below 20% remaining battery charge, you may not quite get a complete recharge from the backup battery, but close.

We recommend using the backup battery to top off your iPhone any time you wish. The backup battery will automatically shut off and retain its remaining charge for later.

## Charging the Smart Backup Battery and Apple device together

While charging the Smart Backup Battery from either the wall outlet or USB computer port, you can also charge your iPod/iPhone at the same time. The iPod/iPhone will charge first, and then the backup battery will fully charge.

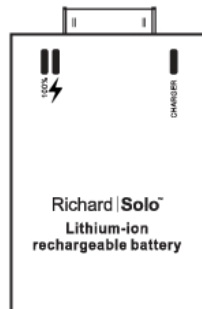
### LED indicators

#### BLUE LED

Indicates battery is operating properly.

#### BLUE 100% LED

Illuminates when Smart Backup Battery is fully charged.



### CHARGER LED

#### While charging backup battery

Solid red indicates backup battery is being charged.

*Note: When charging an Apple device at the same time, the solid red LED will not illuminate until the Apple device is fully charged and the backup battery begins taking a charge.*

#### While using backup battery

Solid green indicates the Apple device is fully charged. Flashing red indicates backup battery is near depletion and needs to be re-charged from power source.

### Summary of tips for longer battery life

Lithium-ion batteries, including our Smart Backup Battery, are good for approx. 300 charge/discharge cycles. A "charge/discharge" cycle generally consists of an extended charging period, and an extended discharging period. A quick charge, listening to your iPod for 30 minutes, and charging again, for example, does not constitute a full "charge/discharge cycle", but is a portion of one complete cycle which means you will have more than 300 total charge/discharge cycles.

Lithium-ion batteries do not take kindly to frequent complete discharges. When possible, the optimal usage pattern — for any lithium-ion battery — is a partial discharge, followed by recharging. A partial discharge can be anything less than a full discharge. However, an occasional full discharge is desirable (e.g., once every 30 charges) to calibrate the battery.

Lithium-ion batteries do not significantly degrade, or develop "memory", even if charged at irregular intervals; irregular charging is acceptable. Lithium-ion batteries do not store well for extended periods of time at full charge. However, there is no way around this under these circumstances. When possible, use the AC wall adapter for extended charging, rather than the USB cable attached to your computer.

High temperatures tend to degrade battery life, so avoid leaving it in a hot car, for example.

### Technical Specifications

- 1200mAh polymerized TiPBB3 lithium-ion battery
- Smart Backup Battery itself is charged to 100% in about 3.5 hours
- Output: DC 5V +/- 0.25V
- Output current: 500mA
- Operating temperature: 32 to 95°F [0 to 35°C]
- Storage temperature: 14 to 113°F [-10 to 45°C]

### Safety Precautions

Do not disassemble the Backup Battery. Do not allow the battery to have contact with water or other liquids, or expose the battery to heat.

### Recycling

The Smart Backup Battery should be disposed of properly. Please do not dispose in trash receptacles or incinerate.

### Limited Warranty

RichardSolo.com warrants the Smart Backup Battery to be free from defects in materials and workmanship under normal use and service for 90 days from the date of purchase for the original purchaser. Please contact us at Support@RichardSolo.com if you have any questions.

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