

PowerBank™

Features

- **5,200mAh and 10,400mAh Models**
- **Universal USB output (includes complete adapter set)**
- **Sleek Metal Housing, Intelligent Charge and Discharge**
- **Provides up to 1 week backup power for cell phones**
- **LED state-of-charge indicators, LED flashlight**
- **Provides up to 1.5A charge rate for the latest iPhones and iPads**
- **Re-Charges via USB, so can be charged with any USB adapter or PC**



Applications

- **Backup Power for any device that uses USB power like Smartphones, iPhones, iPads, Cell Phones, GPS, Bluetooth, Mp3, Mp4 or other digital devices**
- **Extend operating hours of devices during long off-grid periods like on airplanes, hiking, camping, cycling, classrooms, etc.**
- **Emergency Backup Power for storms or other events where grid power is lost.**

Description

The TPB-xx Series PowerBank™ utilizes the latest lithium battery technology and microprocessor-controlled charging and discharging to provide backup power for any electronic device that can be charged or powered over USB.

The PowerBank™ comes with a complete set of USB adapters in a convenient carry bag to adapt the standard USB output to just about any electronic device or can use the device manufacturers supplied USB cables.

The PowerBank™ charges through a standard micro-USB port so it can be re-charged from any device that supplies USB power like a USB wall adapter, USB car adapter, desktop computer, laptop computer, etc. The required adapter connector is included in the adapter set.

The PowerBank™ has convenient features like auto-shutoff, LED state-of-charge indicators, a rugged metal enclosure and abuilt-in LED flashlight. The advanced Lithium batteries used provide for long life with many charge/recharge cycles. With typical use the unit will provide over 10 years of reliable service.

The smaller unit is 4” long and weighing only 5.5oz while the highest capacity unit is just over 6” long and weighing in at only 10.4oz.



Specifications

	TPB-5000	TPB-10000
Battery Size	5200mAh	10400mAh
Battery Type	Li-ion	Li-ion
Charging Input Voltage	5.0 to 6.0V	5.0 to 6.0V
Charging Current	1A Max	1.6A Max

Charge Efficiency	>95%	>95%
Typical Full Charge Time	5-6 Hours	10 Hours
USB Output Voltage	5.3V +/-0.25V	5.3V +/-0.25V
USB Output Current	1000mA	1500mA / 800mA (selectable)
Standby Current	<100uA	<100uA
Life Cycle (70% capacity)	>500 Cycles	>500 Cycles
Approvals	RoHS , CE	RoHS , CE
Operating Temperature	-20 to +60°C (-4 to +140°F)	-20 to +60°C (-4 to +140°F)
Storage Temperature	-25 to +85°C (-13 to +185°F)	-25 to +85°C (-13 to +185°F)
Operating Humidity	0% to 85% non condensing	0% to 85% non condensing
Case - Color	Aluminum - Silver	Aluminum - Silver
Size (L x W x H)	94 x 45.5 x 22mm (3.7 x 1.8 x 0.85")	160 x 45.5 x 22mm (6.3 x 1.8 x 0.85")
Weight	155g (5.5oz)	295g (10.4 oz)



*PowerBank™ Adapter Kit (includes convenient nylon carry bag)
Includes Adapters for: Apple, Samsung, Nokia, LG, Sony Ericsson, Sony PSP, MicroUSB, MiniUSB*



PowerBank™ End View Closeup

Notes:

- All shipments F.O.B. Bluffdale, UT 84065
- Tycon Power Systems PowerBank™ carry a 2 year limited warranty

System Ordering:

TPB-5000-S

TPA5 PowerBank™ 5200mAh USB Backup Power System - Silver

TPB-10000-S

TPA10 PowerBank™ 10400mAh USB Backup Power System - Silver



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