SPECTOR & CO.
SPECTECH

2022 POWER CHART

BATTERY SAFETY | **SPECTOR & CO.** power banks undergo a series of tests to ensure quality and safety. Please see below a list of product safety highlights:

UL Certified Products
Products that are entirely UL certified (all electronic components, materials and supply chain are UL compliant and certified)

UL Certified Batteries
Products that have UL certified batteries

UL Tested
(UL/CSA 60950-1, **UL 2054**, **UL 2056** and **UL 2738 wireless**) Products that have been tested by a third party laboratory according to UL standards

Universal standard for wireless charging of battery-operated devices

UN38.3
(Transportation Safety)

Federal Communications Commission

European Compliance

Grade A Non-Recycled Lithium Batteries

RoHS Compliant
Restriction of Hazardous Substances

IC Protection
(Integrated Circuit Protection) Protects against short circuits, overcharging, over-discharging, overcurrent & overheating (for wireless & QI products)

NTC
(Negative Temperature Coefficient)
Built-in overheating protection: The integrated temperature sensor of this product automatically stops charging an electronic device when temperature reaches over 70°C/158°F in case of unexpected circuit shortage or malfunction.

	T1232 SOL NOMAD	T1233 SOL FABRIZIO	T1234 SOL DONALD	T1036 OPHELIA	T1021 OFF-ROAD	T112 FABRIZIO	T1029 SUPER TITAN	T1037 SUPER OFF-ROAD	T127 FABRIZIO	T1042 KEPLER	T1041 ABBOTT	T134 FABRIZIO JUNIOR	T135 DONALD JUNIOR	T153 RONAN JUNIOR
UL 2056	☑	☑	☑	☑			☑							
UL 2054														
UL 2738							☑							
Qi CERTIFIED							☑							
UL BATTERY ONLY					☑	☑		☑	☑	☑	☑			
FCC	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
CE	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
ROHS	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑

CAPACITY – WHAT DOES IT MEAN?
The battery capacity of a power bank is measured in milliamperes (mAh) or watt per hour (Wh). The higher the battery capacity, the more storage a power bank contains and subsequently the more charges it can provide to your electronic devices.

CHARGE TIME – ELECTRONIC DEVICES
The amount of time it takes to charge an electronic device using a power bank is mainly determined by the **output current** of the USB port on the power bank and the **battery capacity** of the device being charged.

WIRELESS CHARGING – HOW DOES IT WORK?
Wireless charging also known as inductive charging works by transferring energy from the charger to an electronic device (such as a smartphone or smart watch) equipped with wireless charging capability via electromagnetic field. Wireless charging requires: 1) A wireless charging power bank or charging dock that is connected to a power source or a/c adapter, and 2) an electronic device that is compatible with wireless charging. All our wireless chargers have built-in NTC (Negative Temperature Coefficient) and/or IC (Integrated Circuit) protection in case of unexpected short circuit or malfunction.

The **output current** is measured in amperes and ranges from 1A (e.g.: T1042 Kepler) to 2.1A (e.g.: T1029 Super Titan)
The higher the output current, the faster the connected device will charge (providing it has a compatible input power).

SPECTECH POWER

SPECTECH POWER BANKS HAVE A ONE YEAR LIMITED WARRANTY FROM DATE OF PURCHASE

AVERAGE POWER REQUIRED TO CHARGE TO 100% CAPACITY: SMARTPHONES = APPROX. 1,500 mAh – MINI TABLETS = APPROX. 5,000 mAh
RECHARGE TIMES VARY BASED ON THE OUTPUT CURRENT SUPPLIED BY THE POWER SOURCE USED TO CHARGE THE PRODUCT.

PRODUCT	CAPACITY / WATT HR	BATTERY	VOLTAGE/CURRENT	BATTERY TYPE
T1042 KEPLER WIRELESS CHARGING POWER BANK 	**BATTERY CAPACITY:** 4,000 mAh **WATT HR: 14.8** Includes 4 LED indicators	**RECHARGE:** 3 HOURS	1 X DC 5V/1A WIRELESS OUTPUT 1 X DC 5V/2.1A USB OUTPUT PORT 1 X DC 5V/1A USB OUTPUT PORT	GRADE A NON-RECYCLED **UL** CERTIFIED LITHIUM POLYMER BATTERY RECHARGING LIFECYCLE: 500 TIMES
T1041 ABBOTT WIRELESS POWER BANK 	**BATTERY CAPACITY:** 5,000 mAh **WATT HR: 18.5** Includes 4 LED indicators	**RECHARGE:** 3 HOURS VIA MICRO-USB 2 HOURS VIA TYPE-C CABLE	1 X DC 5V/1A WIRELESS SMARTPHONE 1 X DC 5V/0.35A WIRELESS IOS SMARTWATCH 1 X DC 5V/2.5A USB OUTPUT PORT	GRADE A NON-RECYCLED LITHIUM POLYMER BATTERY RECHARGING LIFECYCLE: 500 TIMES
T1037 SUPER OFF-ROAD SOLAR WIRELESS POWER BANK **UL** CERTIFIED BATTERY (MH60809) 	**BATTERY CAPACITY:** 12,000 mAh **WATT HR: 44.4** Includes 4 LED indicators	**RECHARGE:** 7 HOURS VIA MICRO-USB 5 HOURS VIA TYPE-C 50 HOURS VIA SOLAR SOURCE	1 X DC 5V/1A USB OUTPUT PORT 1 X DC 5V/2A USB OUTPUT PORT 1 X DC 5V/1A WIRELESS OUTPUT SOLAR INPUT CAPACITY 360 mA	GRADE A NON-RECYCLED **UL** CERTIFIED LITHIUM POLYMER BATTERY RECHARGING LIFECYCLE: 500 TIMES
T1029 SUPER TITAN **UL 2056/UL2738 QI** CERTIFIED WIRELESS POWER BANK (MH60484) 	**BATTERY CAPACITY:** 10,000 mAh **WATT HR: 37** Includes 4 LED indicators	**RECHARGE:** 8 HOURS	1 X DC 5V/1A USB OUTPUT PORT 1 X DC 5V/2.1A USB OUTPUT PORT 1 X DC 5V/1A WIRELESS OUTPUT	**UL/QI** CERTIFIED (**UL** **2056/UL 2738**) GRADE A NON-RECYCLED LITHIUM POLYMER BATTERY RECHARGING LIFECYCLE: 300 TIMES
T127 FABRIZIO A5 ZIP JOURNAL/WIRELESS CHARGING POWER BANK **UL** CERTIFIED BATTERY (MH48227) 	**BATTERY CAPACITY:** 5,000 mAh **WATT HR: 18.5** Includes 4 LED indicators	**RECHARGE:** 6 HOURS	1 X DC 5V/2A USB OUTPUT PORT 1 X DC 5V/1A WIRELESS OUTPUT	GRADE A NON-RECYCLED **UL** CERTIFIED LITHIUM POLYMER BATTERY RECHARGING LIFECYCLE: 300 TIMES

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RECHARGE TIMES VARY BASED ON THE OUTPUT CURRENT SUPPLIED BY THE POWER SOURCE USED TO CHARGE THE PRODUCT.

PRODUCT	CAPACITY / WATT HR	BATTERY	VOLTAGE/CURRENT	BATTERY TYPE
T1232 SOL NOMAD/T1233 SOL FABRIZIO/ T1234 SOL DONALD **UL 2056** (MH60484) CERTIFIED POWER BANK 	**BATTERY CAPACITY:** 8,000 mAh **WATT HR: 29.6** Includes 4 LED indicators	**RECHARGE:** 6 HOURS	1 X DC 5V/1A USB OUTPUT PORT 1 X DC 5V/2.1A USB OUTPUT PORT	**UL** CERTIFIED (**UL 2056**) LITHIUM POLYMER BATTERY RECHARGING LIFECYCLE: 300 TIMES
T1036 OPHELIA **UL 2056** CERTIFIED POWER BANK (MH60484) 	**BATTERY CAPACITY:** 4,400 mAh **WATT HR: 15.84** Includes 1 LED indicator	**RECHARGE:** 6 HOURS	1 X DC 5V/1A USB OUTPUT PORT 1 X DC 5V/2.1A USB OUTPUT PORT	**UL** CERTIFIED (**UL 2056**) LITHIUM ION BATTERY RECHARGING LIFECYCLE: 500 TIMES
T1021 OFF ROAD SOLAR POWER BANK **UL** CERTIFIED BATTERY (MH61157) 	**BATTERY CAPACITY:** 8,000 mAh **WATT HR: 29.6** Includes 4 LED indicators and a flashlight	**RECHARGE VIA WALL CHARGER:** 6.5 HOURS **RECHARGE VIA SOLAR SOURCE:** 50 HOURS	1 X DC 5V/1A USB OUTPUT PORT 1 X DC 5V/2A USB OUTPUT PORT SOLAR INPUT CAPACITY 180 mA	**UL** CERTIFIED LITHIUM POLYMER BATTERY RECHARGING LIFECYCLE: 500 TIMES
T112 FABRIZIO POWER BANK ZIP PORTFOLIO **UL** CERTIFIED BATTERY (MH49139) 	**BATTERY CAPACITY:** 5,000 mAh **WATT HR: 18.5** Includes 4 LED indicators	**RECHARGE:** 5 HOURS	1 X DC 5V/2.1A USB OUTPUT PORT	GRADE A NON-RECYCLED **UL** CERTIFIED LITHIUM POLYMER BATTERY RECHARGING LIFECYCLE: 300 TIMES
T153 RONAN JUNIOR/T134 FABRIZIO JUNIOR/T135 DONALD JUNIOR POWER BANKS 	**BATTERY CAPACITY:** 6,000 mAh **WATT HR: 22.2** Includes 4 LED indicators	**RECHARGE:** 6 HOURS	1 X DC 5V/1A USB OUTPUT PORT 1 X DC 5V/2.1A USB OUTPUT PORT	GRADE A NON-RECYCLED LITHIUM POLYMER BATTERY RECHARGING LIFECYCLE: 500 TIMES