

SPECTECH BATTERY SAFETY

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

	 RoHS Compliant Restriction of Hazardous Substances	 UL tested (UL/CSA 60950-1, UL 2054 and UL 2056) – products that have been tested by a third party laboratory according to UL standards
	 FCC Federal Communications Commission	 CE European Compliance
UN38.3 (transportation safety)		IC protection (Integrated Circuit Layout Protection) – protects against short circuits, overcharging, over-discharging and overcurrent

SPECTECH UL CERTIFIED POWER BANKS and WALL CHARGERS:

- **UL 2056** Certified power banks: T149 Alpha, T159 Cooper, T1036 Ophelia, T1039 Titan, T1232 Sol Nomad, T1233 Sol Fabrizio, T1234 Sol Donald,
- **UL 2054** Certified power banks: T1034 Pardo-G2, T139 Commander, T901 Turbo, T1026 Mission, T1027 Moxie, T1032 Zoe, T9934 Nathan, T9939 Nathan,

SPECTECH POWER BANKS with UL CERTIFIED BATTERY:

T222 Sticki, T1021 Off-Road, T112 Fabrizio



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.

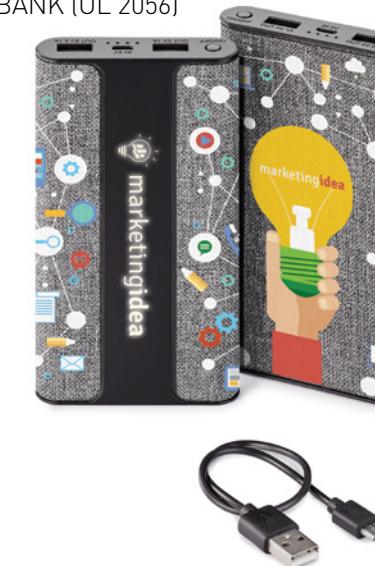
The **output current** is measured in amperes and ranges from 1A (e.g.: T139 Commander) to 2.1A (e.g.: T1036 Ophelia). The higher the output current, the faster the connected device will charge (providing it has a compatible input power).

SPECTECH POWER COMPARISON CHART

2018

T1232 SOL NOMAD

8,000 mAh UL CERTIFIED POWER BANK (UL 2056)



T1233 SOL FABRIZIO

8,000 mAh UL CERTIFIED POWER BANK (UL 2056)



RECHARGE COMPARATIVE CHART

CHART INDICATES HOW MANY TIMES A FULLY CHARGED POWER BANK CAN RECHARGE
A DEVICE FROM 0% TO 100% BATTERY POWER



Device		Device Battery Capacity	T1033 S.O.S	T154/T154! DONALD	T159 COOPER	T222 STICKI	T1034 PARDO-G2	T9934 NATHAN	T149 ALPHA	T1027 MOXIE	T1039 TITAN	T1023 BLADE	T1026 MISSION	T139 COMMANDER	T9939 NATHAN	T1036 OPHELIA	T112 FABRIZIO A4	T134 / T135 / T136 / T153	T1232/T1233/T1234 SOL - NOMAD / FABRIZIO DONALD	T113 FABRIZIO	T1021 OFF ROAD	T138 FABRIZIO SUPER
			With 5A USB Output Amperage	With 1A Wireless & 2.1A USB Output Amperage	With 1A USB Output Amperage	With 2.1A USB Output Amperage	With 2.1A USB Output Amperage	With 2.1A USB Output Amperage	With 1A & 2.1A USB Output Amperage	With 2.1A USB Output Amperage	With 1A & 2.1A USB Output Amperage	With 1A & 2.1A USB Output Amperage	With 1A & 2.1A USB Output Amperage	With 1A & 2.1A USB Output Amperage	With 1A & 2.1A USB Output Amperage							
KOB0 E READERS	Kobo Glo	1,000 mAh	EMERGENCY BOOST ONLY	1.5	1.7	1.7	1.7	1.7	2.3	2.3	3.0	3.0	3.0	3.0	3.3	3.8	4.5	—	6.0	6.0	12.0	
	Kobo Touch	1,420 mAh	EMERGENCY BOOST ONLY	1.1	1.2	1.2	1.2	1.2	1.6	1.6	2.1	2.1	2.1	2.1	2.3	2.6	3.2	—	4.2	4.2	8.5	
	Kobo Arc	4,400 mAh	EMERGENCY BOOST ONLY	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.7	0.7	0.7	0.7	0.8	0.9	1.0	—	1.4	1.4	2.7	
	Kobo Aura HD	1,500 mAh	EMERGENCY BOOST ONLY	1.0	1.1	1.1	1.1	1.1	1.5	1.5	2.0	2.0	2.0	2.0	2.2	2.5	3.0	—	4.0	4.0	8.0	
APPLE TABLETS	Apple iPad Mini	4,490 mAh	EMERGENCY BOOST ONLY	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.7	0.7	0.7	0.7	0.7	0.8	1.0	1.3	1.3	1.3	2.7	
	Apple iPad	5,400 mAh	EMERGENCY BOOST ONLY	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.6	0.6	0.6	0.6	0.6	0.7	0.8	1.1	1.1	1.1	2.2	
	Apple iPad 2	6,930 mAh	EMERGENCY BOOST ONLY	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.9	0.9	0.9	1.7	
	Apple iPad Air	8,820 mAh	EMERGENCY BOOST ONLY	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.7	0.7	1.4	1.4	
	Apple iPad 4 TH Generation	11,560 mAh	EMERGENCY BOOST ONLY	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.5	0.5	1.0	1.0	
	Apple iPad Pro	10,307 mAh	EMERGENCY BOOST ONLY	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.6	0.6	0.6	0.6	1.2	
APPLE SMARTPHONES	Apple iPhone 5	1,440 mAh	EMERGENCY BOOST ONLY	1.0	1.1	1.1	1.1	1.1	1.6	1.6	2.1	2.1	2.1	2.1	2.3	2.6	3.1	4.2	4.2	8.3		
	Apple iPhone 5C	1,507 mAh	EMERGENCY BOOST ONLY	1.0	1.1	1.1	1.1	1.1	1.5	1.5	2.0	2.0	2.0	2.0	2.2	2.5	3.0	4.0	4.0	4.0	8.0	
	Apple iPhone 5S	1,560 mAh	EMERGENCY BOOST ONLY	1.0	1.1	1.1	1.1	1.1	1.4	1.4	1.9	1.9	1.9	1.9	2.1	2.4	2.9	3.8	3.8	3.8	7.7	
	Apple iPhone 6	1,810 mAh	EMERGENCY BOOST ONLY	0.8	0.9	0.9	0.9	0.9	1.2	1.2	1.7	1.7	1.7	1.7	1.8	2.1	2.5	3.3	3.3	6.6		
	Apple iPhone 6s	1,715 mAh	EMERGENCY BOOST ONLY	0.9	1.0	1.0	1.0	1.0	1.3	1.3	1.7	1.7	1.7	1.7	1.9	2.2	2.6	3.5	3.5	7.0		
	Apple iPhone 6s PLUS	2,750 mAh	EMERGENCY BOOST ONLY	0.5	0.6	0.6	0.6	0.6	0.8	0.8	1.1	1.1	1.1	1.1	1.2	1.4	1.6	2.2	2.2	4.4		
	Apple iPhone 7	1,960 mAh	EMERGENCY BOOST ONLY	0.8	0.8	0.8	0.8	0.8	1.1	1.1	1.5	1.5	1.5	1.5	1.7	1.9	2.3	3.1	3.1	6.1		
	Apple iPhone 7 PLUS	2,900 mAh	EMERGENCY BOOST ONLY	0.5	0.6	0.6	0.6	0.6	0.8	0.8	1.0	1.0	1.0	1.0	1.1	1.3	1.6	2.1	2.1	4.1		
	Apple iPhone 8	1,821 mAh	EMERGENCY BOOST ONLY	0.8	0.9	0.9	0.9	0.9	1.2	1.2	1.6	1.6	1.6	1.6	1.8	2.1	2.5	3.3	3.3	6.6		
	Apple iPhone 8 PLUS	2,691 mAh	EMERGENCY BOOST ONLY	0.6	0.6	0.6	0.6	0.6	0.8	0.8	1.1	1.1	1.1	1.1	1.2	1.4	1.7	2.2	2.2	4.5		
	Apple iPhone X	2,716 mAh	EMERGENCY BOOST ONLY	0.6	0.6	0.6	0.6	0.6	0.8	0.8	1.1	1.1	1.1	1.1	1.2	1.4	1.7	2.2	2.2	4.4		
KINDLE E READERS	Kindle Paperwhite	1,470 mAh	EMERGENCY BOOST ONLY	1.0	1.1	1.1	1.1	1.1	1.5	1.5	2.0	2.0	2.0	2.0	2.2	2.6	3.1	4.1	4.1	8.2		
	Kindle	1,530 mAh	EMERGENCY BOOST ONLY	1.0	1.1	1.1	1.1	1.1	1.5	1.5	2.0	2.0	2.0	2.0	2.2	2.5	2.9	3.9	3.9	7.8		
	Kindle Fire	4,400 mAh	EMERGENCY BOOST ONLY	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.7	0.7	0.7	0.7	0.8	0.9	1.0	1.4	1.4	2.7		
	Kindle Voyage	1,320 mAh	EMERGENCY BOOST ONLY	1.1	1.3	1.3	1.3	1.3	1.7	1.7	2.3	2.3	2.3	2.3	2.5	2.8	3.4	4.5	4.5	9.1		
BLACKBERRY SMARTPHONES	Blackberry Z10	1,800 mAh	EMERGENCY BOOST ONLY	0.8	0.9	0.9	0.9	0.9	1.3	1.3	1.7	1.7	1.7	1.7	1.8	2.1	2.5	3.3	3.3	6.7		
	Blackberry Q10	2,200 mAh	EMERGENCY BOOST ONLY	0.7	0.8	0.8	0.8	0.8	1.0	1.0	1.4	1.4	1.4	1.4	1.5	1.7	2.0	2.7	2.7	5.5		
	Blackberry Z30	2,880 mAh	EMERGENCY BOOST ONLY	0.5	0.6	0.6	0.6	0.6	0.8	0.8	1.0	1.0	1.0	1.0	1.1	1.6	2.1	2.1	2.1	4.2		
	Blackberry Passport	3,450 mAh	EMERGENCY BOOST ONLY	0.4	0.5	0.5	0.5	0.5	0.7	0.7	0.9	0.9	0.9	0.9	1.0	1.1	1.3	1.7	1.7	3.5		
	Blackberry DTEK50	2,610 mAh	EMERGENCY BOOST ONLY	0.6	0.6	0.6	0.6	0.6	0.9	0.9	1.1	1.1	1.1	1.1	1.3	1.4	1.7	2.3	2.3	4.6		
	Blackberry DTEK560	3,000 mAh	EMERGENCY BOOST ONLY	0.5	0.6	0.6	0.6	0.6	0.8	0.8	1.0	1.0	1.0	1.0	1.1	1.5	2.0	2.0	2.0	4.0		
HTC SMARTPHONES	HTC One Mini	1,800 mAh	EMERGENCY BOOST ONLY	0.8	0.9	0.9	0.9	0.9	1.3	1.3	1.7	1.7	1.7	1.7	1.8	2.1	2.5	3.3	3.3	6.7		
	HTC One	2,300 mAh	EMERGENCY BOOST ONLY	0.7	0.7	0.7	0.7	0.7	1.0	1.0	1.3	1.3	1.3	1.3	1.4	1.6</td						