

## Specifications

### Outputs (1+2)

sockets:	Standard USB, type A, female	
floating voltage:	4.95...5.25 V DC	
load voltage:	4.75...5.25 V DC	
max. current:	2.5 A	continuous
ripple voltage:	≤ 70 mV	peak-peak (at full load)
auto cut off:	≤ 50 mA	(if the output current falls below approx. 50mA, the output will switch off automatically)
safety functions:	protection against external short circuit, overcurrent, overload, deep discharge thermal shutdown	

### Input

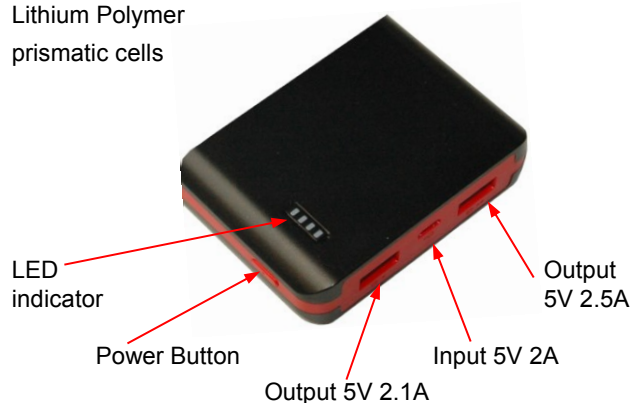
socket:	Micro USB, female	
voltage:	5 V DC ± 10%	
charge current:	≤ 2200 mA	
charge time:	14...20 h	depending on used charger

### Indicators

charge/battery status:	4 LEDs (blue)	show the charge state of the internal battery in 25% steps - while charge is in progress - when pressing the charge state test (Power) button
charge end:		all 4 LEDs light permanently when the internal battery is fully charged

### Internal Battery

cell type:	LiCoO <sub>2</sub>	Lithium Polymer
size:	customized	prismatic cells
number of cells:	2	
configuration:	1S2P	
nominal voltage:	3.7 V	
capacity:	20800 mAh ± 10%	
energy:	74 Wh	
life time expectance: (C>60% of min. capacity)	≥ 500 cycles acc. IEC	

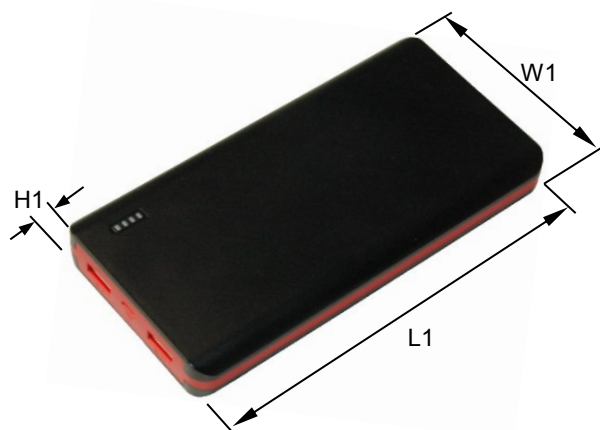


### Temperature range

operating temperature:	- 10...50 °C	discharge
	0...45 °C	charge
storage temperature:	- 20...45 °C	
	0...25 °C	recommended

### Mechanical specifications

length L1:	160 ± 2 mm
width W1:	80 ± 1 mm
height H1:	21.5 ± 1 mm
weight (device only):	415 ± 15 g



### Housing

material:	plastic
colour:	black

### Accessories:

micro USB to USB cable



cable length: 300mm  
colour: black



#### ANSMANN Specifications for model:

**ANSMANN Powerbank 20.8  
min. 20000mAh**

data sheet no. / part no.

1700-0068

supplier no.

704018

author / date

TG / 17.08.2017

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