PA-L154.R005

Last Updated 05.2019

Dimensions

Lenght	71	±1mm
diameter	18.5	±1mm

*picture only for reference

Data for Pack			
Nominal voltage		3.6V	2.75V - 4.2V
Nominal capacity		2.25Ah	typical
Used cell in pack		1pcs	Panasonic UR18650AY
Internal resistance pack		220mΩ	±10%
Max charge voltage		4.2V	
Max charge current	standard	0.43A	0°C < T < 45°C
	rapid	1.2A	0°C < T < 45°C
Discharge	standard	0.43A	-20°C < T < 60°C
	max. cont.	1.2A	-20°C < T < 60°C
	max. peak	3A	-20°C < T < 60°C t < 4ms
Short circuit current		> 5A	< 400µs
NTC		10kΩ	Tolerance 5%; B-value 25°C/85°C = 3980K
Connector	JST	XHP3	Pin1: GND Pin2: NTC Pin3: Bat+
Cable Length		45mm	±5mm
Weight		ca. 47g	±5g
Watt-hour rating		7.6Wh	acc. to UN38.3 Certificate from cell

*discharge below 0°C will result in limited discharge performance and usable capacity

Limitations by Safety Unit (SU) @ Ta 25°C			
over voltage (per cell)	cut off	4.280mV	+30mV/-45 mV
	release	4.180mV	+40mV/-70mV
under voltage (per cell)	cut off	2.300mV	+45mV/-70mV
	release	2.300mV	+45mV/-70mV
Current Limit Charge		1320mA	8ms (typical) (4.8ms – 10.24ms)
Current Limit discharge		1337mA	8ms (typical) (4.8ms – 10.24ms)
short circuit protection		>5A	250µs (typical) (150µs – 400µs)
Power consumption	active	12.5µA	20µA max.
	power down	< 1.5µA	3µA max.

*power down modus when Ubat < under voltage cut off

Recommended Charger
CC/CV CHARGER with NTC Control

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