PA-L1007.R001

Dimensions

length: 69,3 ±0.5mm

width: 10,7 ±0.5mm

height: 55,2 ±0.5mm

Data for pack

Nominal Voltage		7,4 V	6,0 V - 8,4 V
Nominal capacity		1950 mAh	typical
Used cell in Pack		2 pcs	Panasonic CGA- 103450A
internal resistance pack		200 mΩ	typical 170mΩ- 250mΩ
Max charge voltage		8,4 V	
Charge current	standard	740 mA	0°C < T < 45°C
	rapid	1500 mA	10°C < T < 45°C
Discharge	standard	740 mA	-20°C < T < 60°C
	max.cont.	1950 mA	-20°C < T < 60°C
	max.peak	4000 mA	-20°C < T < 60°C
Short circuit current		~32A	<500µs
NTC		10 kΩ	Tolerance 5%; B-value 25°C/85°C = 3980K
Connector	JST	XHP-3	Pin 1: GND black
			Pin 2: NTC yellow
			Pin 3: PLUS red
Cable length		60mm	±5mm
Weight		ca. 86,5g	±5g
Lithium content		1,11g	13,8Wh

Limitations by Safety Unit (SU)

over voltage (per cell)	cut off	4,3V	±25mV @ 25°C
over voltage (per cell)	release	4,05V	±100mV@25°C
under voltage (per cell)	cut off	2,00V	±80mV@25°C
under voltage (per cell)	release	3,00V	±100mV@25°C
Current limit 1 by SU		4000mA	continuous (typical) [6.0V < U < 8.4V]
Current limit 2 by SU		4500mA	<10ms (typical)
Current limit 3 by SU		25A	<1ms (typical)
Power consumption	active	20µA	-0/+7,5µA
	sleep	2,5µA	-0/+0,1µA

Recommended charger

C-LIO-2SN15-1,8M-DIN4-PNG.R001	8,4V	1,5A

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