PA-L2.R005

Picture only for reference, marking example

Dimensions

Lenght	11mm	±1mm
Width	34.5mm	±0.5mm *
Height	55.5mm	±0.5mm

*swelling of cell during lifetime up to 0.5mm

Data for Pack			
Nominal voltage		3.7V	3V - 4.2V
Nominal capacity		1850mAh	typical
Used cell in pack		1pcs	Panasonic CGA-103450A with thermal breaker
Internal resistance pack		180mΩ	±10%
Max charge voltage		4.2V	
Charge current	standard	370mA	0°C < T < 45°C
	rapid	1300mA	10°C < T < 45°C
Discharge	standard	370mA	-20°C < T < 60°C *below 0°C with limited performance
	max. cont.	2200mA	-20°C < T < 60°C *below 0°C with limited performance
	max. peak	2500mA	-20°C < T < 60°C *below 0°C with limited performance
Short circuit current		~20A	360µs
NTC		10kΩ	Tolerance 5%; B-value 25°C/85°C = 3980K
Connector	JST	XHP-3	Pin1 GND (black)
			Pin2 NTC (yellow)
			Pin3 Vbatt (red)
Cable Length		45mm	±5mm
Weight		42g	±2.5g
Watt-hour rating		6.845Wh	acc. to UN38.3 Certificate of cell manufacturer

Limitations by Safety Unit (SU) (Ta 25°C)			
over voltage (per cell)	cut off	4.3V	±0.025V
	release	4.05V	±0.1V
under voltage (per cell)	cut off	2.25V	±0.1V
	release	3V	+0.5V
Current Limit 1 by SU		< 2.5A	continous (typical)
Current Limit 2 by SU		< 2.750A	t < 150ms
Current Limit 3 by SU		< 14A	t < 4ms (typical)
Power consumption	active	7µA	±5% @ 4.2V
	power down	max. 1µA	power down modus when Ubat < 2.25V
ESD Protection		No	

Recommended Charger
CC/CV Charger with NTC control

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