

PA-L2.R004



Dimensions

Length	34.5 mm	± 0.5 mm
Width	11 mm	± 1 mm
Height	56 mm	± 1 mm

Data for Pack			
Nominal voltage		3.7 V	3.0 V - 4.2 V
Nominal capacity		1950 mAh	typical
Used cell in pack		1 pcs	Panasonic CGA-103450A
Internal resistance pack		130 mΩ	±10%
Max charge voltage		4.2 V	
Charge current	standard	370 mA	0°C < T < 45°C
	rapid	1295 mA	10°C < T < 45°C
Discharge	standard	370 mA	-20°C < T < 60°C *below 0°C with limited performance
	max. cont.	2200 mA	-20°C < T < 60°C *below 0°C with limited performance
	max. peak	≤ 3000 mA	10°C < T < 60°C t < 1ms *below 0°C with limited performance
Short circuit current		≈ 24 A	< 300μs
NTC		10 kΩ	Tolerance ±5 %; B-value 25 °C/85 °C = 3980 K
Connector	JST	XHP-3	Pin1 GND black
			Pin2 NTC yellow
			Pin3 + 3.7 V red
Cable Length		51 mm	± 5 mm
Weight		42 g	± 2 g
Watt-hour rating		6.9 Wh	acc. to UN38.3 Certificate from cell

Limitations by Safety Unit (SU) @ Ta 25°C			
over voltage (per cell)	cut off	4.280 V	± 0.020 V
	release	4.180 V	± 0.030 V
under voltage (per cell)	cut off	2.300 V	± 0.035 V
	release	2.300 V	± 0.035 V
Current Limit Charge by SU		3.43 A	8 ms (typical)
Current Limit Discharge by SU		3.56 A	8 ms (typical)
short circuit protection		13.70 A	250 μs (typical)
Power consumption	active	2.8 μA	5.0 μA (maximal)
	shutdown	≤ 0.1 μA	
ESD Protection		YES	

Recommended Charger
1 Cell CC/CV Charger