

PA-L2238.R001



Dimensions

Length	52mm
Width	12mm
Height	76mm



IEC62133-2:2017

Data for Pack

Nominal voltage	3.6V	2.75V - 4.2V			
Nominal capacity	4700mAh	typical			
Used cell in pack	2pcs	Panasonic NCA-103450A			
Internal resistance pack	172mΩ	±10%			
Max charge voltage	4.2V				
Charge current	standard	0.5A	0°C < T < 45°C		
	rapid	2.2A	10°C < T < 45°C		
Discharge	standard	0.56A	-20°C < T < 60°C *below 0°C with limited performance		
	max. cont.	2A	-20°C < T < 45°C *below 0°C with limited performance		
	max. peak	10A	-20°C < T < 45°C t < 1.8ms *below 0°C with limited performance		
Short circuit current	≤29A	< 2.4 ms			
NTC	10kΩ	Tolerance 5%; B-value 25°C/85°C = 3980K			
Connector	JST	XHP3	Pin1	GND	Black
			Pin2	NTC	Yellow
			Pin3	Bat+	Red
Cable Length	40mm	± 5mm			
Weight	80g	± 5g			
Watt-hour rating	16Wh	acc. to UN38.3 Certificate from cell manufacturer			

Limitations by Safety Unit (SU) @ Ta 25°C

over voltage (per cell)	cut off	4215mV	± 25mV				
	release	4115mV	± 25mV				
under voltage (per cell)	cut off	2300mV	± 50mV				
	release	2400mV	± 100mV				
current limit 1	min.	≥ 2.9A	≥ 3.3A	≥ 3.7A	7.2ms	9ms	11ms
	typical	≥ 10A	≥ 12.8A	≥ 15.4A	1.8ms	2.24ms	2.7ms
	max	≥ 23.1A	≥ 30.8A	≥ 38.5A	220μs	320μs	380μs
Power consumption	active	50μA	±5%				
	power down	< 10μA					

Recommended Charger

C-LIO-1SN15-1.8M_DIN4GPN.R001