

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

The data in this datasheet document are for information and descriptive purposes only and are not to make or imply any guarantee or warranty. No guarantee for zero failure status of given information inside this document. Please see/request detailed specification for finally valid data. For more information and the contact details of the local suppliers, please visit CELLTECH-GROUP.COM