

PA-LNB19.R003



Dimensions

Length	67	± 1mm
Width	18.5	± 1mm
Height	22	± 1mm

Data for Pack

Nominal voltage	3.6V	2.5V - 4.2V			
Nominal capacity	3350mAh	typical			
Used cell in pack	1pcs	Panasonic NCR-18650BF			
Internal resistance pack	110mΩ	±10%			
Charge voltage	4.2V	max			
Charge current	standard	0.55A	10°C < T < 45°C		
	rapid	1.2A	10°C < T < 45°C		
Discharge	standard	0.65A	-20°C < T < 70°C *1)		
	max cont.	2.35A	0°C < T < 40°C *1) (limited by connector)		
	max peak	5A	-20°C < T < 45°C t < 2ms *1)		
Short circuit current	≥30A	<320μs			
NTC	10kΩ	Tolerance ±3%; B-value 25°C/85°C = 3980K			
Connector	JST	XHP-3	Pin1	GND	black
			Pin2	NTC	yellow
			Pin3	Bat+	red
Cable Length	45mm	± 5mm			
Weight	ca. 48g	± 5g			
Watt-hour rating	12Wh	acc. to UN38.3 Certificate			

*1) discharge in ambient temperatures lower than 0°C will result in limited performance in current output and usable capacity

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

over voltage (per cell)	cut off	4280mV	±25mV
	release	4180mV	±25mV
under voltage (per cell)	cut off	2300mV	±50mV
	release	2300mV	±50mV
Current Limit 1 by SU		4,2A	typical (3,19A - 5,98A) detection time (7.2ms - 10.8ms)
Current Limit 2 by SU		16,3A	typical (6A - 25A) detection time (6,4ms - 9,6ms)
Current Limit 3 by SU (shortcircuit)		max. 60A	short circuit detection time (200μs - 300μs)
Power consumption	active	12.5μA	15μA max.
	shutdown	5μA	8μA max.

Recommended Charger

C-LIO-1SN15-1,8M-DIN4-GPN-.R001