

# PA-LNB19.R001



## Dimensions

Lenght	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-18650B			
Internal resistance pack	110mΩ	±10%			
Charge voltage	4.2V	max			
Charge current	standard	0.55A	0°C < T < 45°C		
	rapid	1.6A	10°C < T < 45°C		
Discharge	standard	0.65A	-20°C < T < 70°C <sup>*1)</sup>		
	max cont.	2.35A	-20°C < T < 60°C <sup>*1)</sup> (limited by connector)		
	max peak	5A	-20°C < T < 45°C t < 2ms <sup>*1)</sup>		
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. 49g	± 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	4275mV	±25mV
	release	4075mV	±25mV
under voltage (per cell)	cut off	2300mV	±50mV
	release	2300mV	±50mV
Current Limit 1 by SU		2.7A	continous typical (±0.3A)
Current Limit 2 by SU		≥10.4A	2.24ms (typical)
short circuit protection		≥25A	320μs (typical) ±10A
Power consumption	active	15μA	±5μA
	power down	8μA	±2μA

## Recommended Charger

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