

PA-LNB19.R002



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-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	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