

PA-LNB17.R001



Dimensions

Length	132.5	±0.5mm
Width	37.5	±0.5mm
Height	24.2	±0.5mm



IEC 62133 2nd Ed.

Data for Pack

Nominal voltage	14.4V	12V - 16.8V (max 16,4V for medical applications/long term use)			
Nominal capacity	3350 mAh	typical (3200mAh minimum)			
Used cell in pack	4pcs	Panasonic NCR-18650B			
Internal resistance pack	380mΩ	±10%			
Max charge voltage	16.8V				
Max charge voltage	standard	0.67A	10°C < T < 45°C		
	rapid	1.6A	10°C < T < 45°C		
Discharge	standard	0.67A	-20°C < T < 60°C *below 0°C with limited performance		
	max. cont.	3A	-20°C < T < 60°C *below 0°C with limited performance		
	max. peak	8A	-20°C < T < 60°C t < 1ms *below 0°C with limited performance		
Short circuit current	60A	< 300μs			
NTC	10kΩ	Tolerance 5%; B-value 25°C/85°C = 3980K			
Connector	JST	XHP3	Pin1	GND	black
			Pin2	NTC	yellow
			Pin3	VBAT+	red
Cable Length	45mm	±5mm			
Weight	ca. 190g	±5g			
Watt-hour rating	48Wh	acc. to UN38.3 Certificate from cell			

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

over voltage (per cell)	cut off	4.215V	±0.025V
	release	4.115V	±0.05V
under voltage (per cell)	cut off	2.75V	±0.08V
	release	3V	±0.1V
Current Limit 1 by SU		4A	110ms
Current Limit 2 by SU		10A	1ms
short circuit protection		97A	300μs typical
Power consumption	active	< 100μA	
	shutdown	< 1μA	Shutdown when Ucell < 2.75V

Recommended Charger

C-LIO-4SN12-1,8M-DIN4-P-NG.R002