

# PA-LNB126.R002



\*picture only for reference

## Dimensions

Length	73mm	±1mm
Width	18.5mm	±1mm
Height	71.5mm	±1mm

## Data for Pack

Nominal voltage	14.4V	10V - 16.8V		
Nominal capacity	3350mAh	typical		
Used cell in pack	4pcs	Panasonic NCR-18650BF		
Internal resistance pack	220mΩ	±10%		
Max charge voltage	16.8V			
Charge current	standard	550mA	10°C < T < 45°C	
	rapid	1600mA	10°C < T < 45°C	
Discharge	standard	670mA	-20°C < T < 60°C * <sup>1)</sup>	
	max. cont.	3000mA	-20°C < T < 60°C * <sup>1)</sup> (limited by connector)	
	max. peak	5500mA	-20°C < T < 60°C t < 400ms	
Short circuit current	≤ 50A	< 600μs		
NTC	10kΩ	Tolerance 5%; B-Value 25°C/85°C = 3980K		
Connector	JST	XHP-3	Pin1	GND
			Pin2	NTC
			Pin3	Bat+
Cable Length	45mm	± 5mm		
Weight	ca. 245g	± 5g		
Watt-hour rating	48Wh	acc. to UN38.3 Certificate from cell		

\*<sup>1)</sup> 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	4350mV	±25mV
	release	4150mV	±50mV
under voltage (per cell)	cut off	2400mV	±80mV
	release	3000mV	±100mV
Current Limit 1 by SU	< 3500mA	continous (Upack > 12V)	
Current Limit 2 by SU	> 4500mA	± 1A t < 10 ms (typical)	
short circuit protection	≤ 30A	t > 600μs	
Power consumption	active	195μA	max.
	power down	2μA	max. (power down modus when Ucell < 2.4V)

## Recommended Charger

C-LIO-4SN15-1,8M-DIN4-P-NG.R001

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