

# PA-IEC-LN2.R001



## Dimensions

Length	11mm	±1mm
Width	34.5mm	±1mm
Height	55.5mm	±0.5mm



IEC 62133 2nd Ed.

## Data for Pack

Nominal voltage		3.6V	2.75V - 4.2V
Nominal capacity		2350mAh	typical (minimum 2200mAh)
Used cell in pack		1pcs	Panasonic NCA-103450A
Internal resistance pack		130mΩ	±10%
Max charge voltage		4.2V	
Max charge voltage	standard	470mA	0°C < T < 45°C
	rapid	1500mA	10°C < T < 45°C
Discharge	standard	470mA	-20°C < T < 60°C *below 0°C with limited performance
	max. cont.	2200mA	-20°C < T < 60°C *below 0°C with limited performance
	max. peak	2750mA	-20°C < T < 60°C *below 0°C with limited performance
Short circuit current		25A	360μs
NTC		10kΩ	Tolerance 5%; B-value 25°C/85°C = 3980K
Connector	JST	XHP-3	Pin1 GND (black)
			Pin2 NTC (yellow)
			Pin3 Vbatt (red)
Cable Length		45mm	±5mm
Weight		42g	±2.5g
Watt-hour rating		8Wh	acc. to UN38.3 Certificate of cell manufacturer

## Limitations by Safety Unit (SU)

over voltage (per cell)	cut off	4.215V	±0,025V
	release	4.115V	±0,025V
under voltage (per cell)	cut off	2.3V	±0,05V
	release	2.4V	±0,05V
Current Limit 1 by SU		< 2.5A	continuous (typical)
Current Limit 2 by SU		< 20A	t < 2,24ms
Current Limit 3 by SU		48A	320μs (typical)
Power consumption	active	7μA	max. ±5%
	power down	max. 1μA	power down modus only after overcurrent event
ESD Protection		No	

## Recommended Charger

C-LIO-1SN05-1,8M-DIN4-GPN-.R001