

# PA-L2280.R001



## Dimensions

Length	146	± 1mm
Width	11*	± 1mm
Height	42	± 1mm

\*swelling of cells up to 1.5mm during lifetime



IEC 62133 2nd. Ed.

\*picture only for reference

## Data for Pack

Nominal voltage		3.6V	2.75V - 4.2V
Nominal capacity		9.4Ah	typical
Used cell in pack		4pcs	Panasonic NCA-103450A
Internal resistance pack		80mΩ	±10%
Charge voltage		4.2V	max
Charge current	standard	1.88A	0°C < T < 45°C
	rapid	3A	10°C < T < 45°C (limited by connector)
Discharge	standard	1.88A	-20°C < T < 60°C *1)
	max cont.	3A	-20°C < T < 45°C *1) (limited by connector)
	max peak	10A	-20°C < T < 45°C t < 2ms *1) t < 2ms
Short circuit current		~ 52A	< 380μs
NTC		10kΩ	Tolerance ±3%; B-value 25°C/85°C = 3980K
Connector	JST	XHP-3	Pin1 GND
			Pin2 NTC
			Pin3 Bat+
Cable Length		150mm	± 5mm
Weight		162g	± 10g
Watt-hour rating		32Wh	acc. to UN38.3 Certificate

\*1) discharge in ambient temperatures below 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	4215mV	± 25mV				
	release	4115mV	± 25mV				
under voltage (per cell)	cut off	2300mV	± 50mV				
	release	2400mV	± 100mV				
current limit 1	min.	≥ 2.9A	≥ 3.3A	≥ 3.7A	7.2ms	9ms	11ms
	typical						
	max						
current limit 2		≥ 10A	≥ 12.8A	≥ 15.4A	1.8ms	2.24ms	2.7ms
current limit 3		≥ 23.1A	≥ 30.8A	≥ 38.5A	220μs	320μs	380μs
Power consumption	active	50μA	±5%				
	power down	< 10μA		power down only when Ubat < 2.3V			

## Recommended Charger

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