

# PA-L2280.R001



\*picture only for reference

## Dimensions

Length	146	± 1mm
Width	11*	± 1mm
Height	52	± 1mm

\*swelling of cells up to 1.5mm during lifetime



IEC 62133 2nd. Ed.

## 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	173g	± 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.	typical	max	min.	typical	max
	≥ 2.9A	≥ 3.3A	≥ 3.7A	7.2ms	9ms	11ms
	≥ 10A	≥ 12.8A	≥ 15.4A	1.8ms	2.24ms	2.7ms
current limit 2	≥ 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