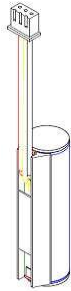


# PA-L1008.R003



## Dimensions

Length	52	±1mm
Width	14.6	±1mm
Height	17.5	±1mm

## Data for Pack

Nominal voltage	3.6V	2.75V - 4.2V ( max. 4,1V in medical applications)	
Nominal capacity	800mAh	typical (760mAh minimum)	
Used cell in pack	1pcs	Panasonic UR14500AC	
Internal resistance pack	120mΩ	±10%	
Max charge voltage	4.2V		
Max charge voltage	max	500mA	0°C < T < 45°C
	standard	500mA	-20°C < T < 60°C
Discharge *)	max. cont.	1.4A	-20°C < T < 60°C
	max. peak	2A	-20°C < T < 60°C t < 20ms
Short circuit current	~ 28A	< 2.3ms	
NTC	10k	Tolerance 5%; B-value 25°C/85°C = 3980K	
Connector	JST	XHP3	Pin1: GND   PIN2: NTC   Pin3: Bat+
Cable Length	45mm	±5mm	
Weight	22g	±5g	
Watt-hour rating	2.7Wh	acc. to UN38.3 Certificate from cell	

\*) discharge below 0°C will result in limited discharge performance and usable capacity

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

over voltage (per cell)	cut off	4275mV	±25mV
	release	4075mV	±25mV
under voltage (per cell)	cut off	2300mV	±50mV
	release	2300mV	±50mV
Current Limit 1 by SU	1.9A	typical (1.44A - 2.42A) detection time (7.2ms - 10.8ms)	
Current Limit 2 by SU	7.5A	typical (5A - 10A) detection time (1.8ms - 2.7ms)	
Current Limit 3 by SU	18.1A	typical (11.25A - 25A) detection time (256μs - 384μs)	
Power consumption	active	12.5μA	15μA max.
	shutdown	5μA	8μA max.

## Recommended Charger

CC/CV CHARGER 1 CELL With NTC Control

The data in this datasheet document are for information and descriptive purposes only and are not to make or imply any guarantee or warranty. No guarantee for zero failure status of given information inside this document. Please see/request detailed specification for finally valid data.

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