

# PA-L1007.R001



\*picture only for reference

## Dimensions

Length	69.3mm
Width	10.7mm
Height	55.2mm

## Data for Pack

Nominal voltage	7.2V	6V - 8.4V (usable voltage range)	
Nominal capacity	1.95Ah	typical	
Used cells in pack	2pcs	CGA-103450A	
Internal resistance pack	200mΩ	±20%	
Charge voltage	8.4V	max <sup>2)</sup>	
Charge current	standard	0.4A      0°C < T < 45°C <sup>3)</sup>	
	rapid	1.2A      10°C < T < 45°C <sup>3)</sup>	
Discharge	standard	0.4A      -20°C < T < 60°C <sup>1) 3)</sup>	
	max cont.	1.95A      -20°C < T < 60°C <sup>1) 3)</sup>	
	max peak	4A      0°C < T < 40°C <sup>3)</sup> t < 5ms	
Over Voltage Cut-off (per cell)	4.3V	safety unit cut-off ± 25mV	
Over Voltage release (per cell)	4.05V	± 50mV	
Under Voltage Cut-off (per cell)	2V	typical @Ta 25°C; recovery = charger connect	
Under Voltage release (per cell)	3V	typical @Ta 25°C; recovery = charger connect	
Discharge current protection	4.5A	typical @Ta 25°C; recovery = load remove	
load short circuit protection	25A	typical @Ta 25°C; max 600μs	
Connector	Molex	XHP-3	Pin1      GND      black
			Pin2      NTC      yellow
			Pin3      Bat+      red
Cable Length	60mm	± 5mm	
Weight	86.5g	± 5%	
Watt-hour rating	13.8Wh	acc. to UN38.3 TSR	

## Charging method

CC/CV Charger with NTC temperature control

- 1) below 0°C with limited performance data (current output and available capacity)
- 2) Recommended Charge Voltages: Medical applications = 8.2V; Standby / UPS = 8V
- 3) Cell surface temperature, not ambient