

PA-LNH902.R001



*picture only for reference

Dimensions

Length	52.4mm
Width	35.7mm
Height	11.2mm*

*swelling of battery at end of life 1 to 1.3mm

Data for Pack

Nominal voltage	3.6V	3V - 4.2V (usable voltage range)
Nominal capacity	2.35Ah	typical
Used cell in pack	1pcs	
Internal resistance pack	120mΩ	±10%
Charge voltage	4.2V	max ²⁾
Charge current	standard	0.47A 0°C < T < 45°C ³⁾
	rapid	1.135A 0°C < T < 45°C ³⁾
Discharge	standard	0.56A -20°C < T < 60°C ^{1) 3)}
	max cont.	2.2A -20°C < T < 60°C ^{1) 3)}
	max peak	2.95A 0°C < T < 45°C ³⁾ t < 400ms
Over Voltage Cut-off (per cell)	4.28V	safety unit cut-off
Over Voltage release (per cell)	4.05V	
Under Voltage Cut-off (per cell)	2.3V	typical @Ta 25°C; recovery = charger connect
Discharge current protection	2.5A	typical @Ta 25°C; recovery = load remove
Charge current protection	2.2A	typical @Ta 25°C; recovery = charger remove
load short circuit protection	20.0A	typical @Ta 25°C; max 300μs
non resettable current fuse	7.0A	< 60s
non resettable second over voltage cut-off	--	activate final fuse (per cell)
Connector	Gold plated contacts	Pin1 BAT+
		Pin2 NTC
		Pin3 GND
Cable Length	n/a	
Weight	45g	± 5g
Watt-hour rating	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