

# PA-INB154.R001



## Dimensions

Length	71mm
Width	19mm
Height	22mm



\*picture only for reference



IEC62133-2:2017



MH45979

## Data for Pack

Nominal voltage	3.635V	2.5V - 4.2V (usable voltage range)		
Nominal capacity	3.5Ah	typical		
Used cell in pack	1pcs	LG Chem INR18650MJ1		
Internal resistance pack	200mΩ	±10%		
Charge voltage	4.2V	max <sup>2)</sup>		
Charge current	standard	0.55A	0°C < T < 45°C <sup>3)</sup>	
	rapid	1.7A	0°C < T < 45°C <sup>3)</sup>	
Discharge	standard	0.55A	-20°C < T < 60°C <sup>1) 3)</sup>	
	max cont.	1.7A	-20°C < T < 60°C <sup>1) 3)</sup>	
	max peak	2A	0°C < T < 40°C <sup>3)</sup> t < 5ms	
Over Voltage Cut-off (per cell)	4.28V	safety unit cut-off		
Over Voltage release (per cell)	4.18V			
Under Voltage Cut-off (per cell)	2.3V	typical @Ta 25°C; recovery = charger connect		
Discharge current protection	>2.36A	typical @Ta 25°C; recovery = load remove		
Charge current protection	>2.27A	typical @Ta 25°C; recovery = charger remove		
load short circuit protection	40A	typical @Ta 25°C; max 300μs		
non resettable current fuse	3A			
Connector	JST	XHP-3	Pin1	GND
			Pin2	NTC
			Pin3	BAT+
Cable Length	45mm	± 5mm		
Weight	49g	± 5g		
Watt-hour rating	12.72Wh	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

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