

# PA-INB55Q-C17UL.4.2.R002



## Dimensions

Length	67mm
Width	37mm
Height	42mm



IEC62133-2:2017



MH45979 4)

\*picture only for reference

## Data for Pack

Nominal voltage	3.635V	2.5V - 4.2V (usable voltage range)		
Nominal capacity	14Ah	typical		
Used cell in pack	4pcs	18650		
Internal resistance pack	44mΩ	±10% typical value @20°C with fresh cells		
Charge voltage	4.2V	max <sup>2)</sup>		
Charge current	low temp	3.5A 0°C < T < 10°C <sup>3)</sup>		
	standard	3A 10°C < T < 45°C <sup>3)</sup>		
Discharge	standard	3A -20°C < T < 60°C <sup>1) 3)</sup>		
	max cont.	3A -20°C < T < 60°C <sup>1) 3)</sup>		
Over Voltage Cut-off (per cell)	4.28V	typical @Ta 25°C 'safety unit cut-off		
Over Voltage release (per cell)	4.18V	typical @Ta 25°C		
Under Voltage Cut-off (per cell)	2.3V	typical @Ta 25°C; recovery = charger connect		
Discharge current protection	>4.46A	typical @Ta 25°C; recovery = load remove		
Charge current protection	>4.46A	typical @Ta 25°C; recovery = charger remove		
load short circuit protection	>45A	typical @Ta 25°C; max 300μs		
non resettable current fuse	5A			
non resettable second over voltage cut-off	4.35V			
Connector	JST	XHP-3	Pin1	GND
			Pin2	NTC
			Pin3	BAT+
Cable Length	45mm	± 5mm		
Weight	191g	± 5g		
Watt-hour rating	50.88Wh	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 = 4.1V; Standby / UPS = 4V  
Standby / UPS = 4V; Do not apply continuous charge (trickle charge) method
- 3) Cell surface temperature, not ambient
- 4) UL conditions of acceptability to be consider in end application

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