

# PA-INB55Q-C17UL.4.2.R002



\*picture only for reference

## Dimensions

Length	67mm
Width	37mm
Height	42mm



IEC62133-2:2017



MH45979 4)

## 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	1.5A      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