

# PA-INB2126-C17UL.4.2.R001



## Dimensions

Length	74mm	max
Width	37.5mm	max
Height	71.5mm	max

\*picture only for reference

## Data for Pack

Nominal voltage	14.4V	10.4V - 16.8V (usable voltage range)	
Nominal capacity	6.9Ah	typical	
Used cells in pack	8pcs	INR18650MJ1	
Internal resistance pack	tbd	±10%	
Charge voltage	16.8V	max <sup>2)</sup>	
Charge current	low temp	0.5A      0°C < T < 10°C <sup>3)</sup>	
	standard	3.5A      10°C < T < 45°C <sup>3)</sup>	
Discharge	standard	1.4A      -20°C < T < 60°C <sup>1) 3)</sup>	
	max cont.	5A      -20°C < T < 60°C <sup>1) 3)</sup>	
	max peak 1	14A      -20°C < T < 60°C <sup>3)</sup> t < 100ms	
Over Voltage Cut-off (per cell)	4.215V	safety unit cut-off	
Over Voltage release (per cell)	4.115V		
Under Voltage Cut-off (per cell)	2.6V	typical @Ta 25°C; recovery = charger connect	
Under Voltage release (per cell)	3V	typical @Ta 25°C;	
Discharge current protection	>7A	typical @Ta 25°C; recovery = load remove	
Charge current protection	>6A	typical @Ta 25°C; recovery = charger remove	
load short circuit protection	>100A	typical @Ta 25°C; max 650µs	
non resettable current fuse	10A		
non resettable second over voltage cut-off	4.35V	activate final fuse (per cell)	
non resettable temperature protection	120°C	110°C - 130°C, activate final fuse	
Connector	Molex	Microfit 3.0	Pin1      Bat+
		43645-0300	Pin2      NTC
			Pin3      GND
Cable Length	140mm	± 5mm	
Weight	387g	± 5g	
Watt-hour rating	100Wh	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 = 16.4V; Standby / UPS = 16V
- 3) Cell surface temperature, not ambient