

PA-INB154.R001



Dimensions

Length	71mm
Width	19mm
Height	22mm



IEC62133-2:2017



MH45979

*picture only for reference

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 ²⁾	
Charge current	standard	0.55A 0°C < T < 45°C ³⁾	
	rapid	1.7A 0°C < T < 45°C ³⁾	
Discharge	standard	0.55A -20°C < T < 60°C ^{1) 3)}	
	max cont.	1.7A -20°C < T < 60°C ^{1) 3)}	
	max peak	2A 0°C < T < 40°C ³⁾ 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