

PA-INB27-C17UL.4.2.R002



*picture only for reference

Dimensions

Length	55.1mm
Width	18.2mm
Height	72.2mm



IEC62133-2:2017



MH45979 4)

Data for Pack

Nominal voltage	10.905V	7.8V - 12.6V (usable voltage range)		
Nominal capacity	3.5Ah	typical		
Used cells in pack	3pcs	LG Chem INR18650MJ1		
Internal resistance pack	270mΩ	±20% @ 1000Hz AC, typ. Initial value		
Charge voltage	12.6V	max ²⁾		
Charge current	low temp	0.5A	0°C < T < 10°C ³⁾	
	standard	1.75A	10°C < T < 45°C ³⁾	
Discharge	standard	0.67A	-20°C < T < 60°C ^{1) 3)}	
	max cont.	5A	-20°C < T < 60°C ^{1) 3)}	
	max peak 1	15A	-20°C < T < 60°C ³⁾ t < 100ms	
	max peak 2	30A	-20°C < T < 60°C ³⁾ t < 0.2ms	
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 43645-0300	Pin1	Bat+
			Pin2	NTC
			Pin3	GND
Cable Length	142mm	± 5mm		
Weight	155g	± 5g		
Watt-hour rating	38.16Wh	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 = 12.3V; Standby / UPS = 12V
- 3) Cell surface temperature, not ambient
- 4) UL conditions of acceptability to be consider in end application