

PA-LNB162-C17UL.4.1.R001



*picture only for reference

Dimensions

Length	73mm
Width	19mm
Height	71mm



IEC62133-2:2017



MH45979 4)

Data for Pack

Nominal voltage	7.2V	5V - 8.2V (usable voltage range)	
Nominal capacity	6.7Ah	typ. @ 4,2V/cell @4,1V/cell capacity reduction of appr. 12%	
Used cell in pack	4pcs	18650	
Internal resistance pack	84mΩ	±10% typical value @20°C with fresh cells	
Charge voltage	8.2V	max ²⁾	
Charge current	low temp	2.4A 0°C < T < 10°C ³⁾	
	standard	3A 10°C < T < 45°C ³⁾	
Discharge	standard	3A -20°C < T < 60°C ^{1) 3)}	
	max cont.	5A -20°C < T < 60°C ^{1) 3)}	
Over Voltage Cut-off (per cell)	4.215V	typical @Ta 25°C 'safety unit cut-off	
Over Voltage release (per cell)	4,115V	typical @Ta 25°C	
Under Voltage Cut-off (per cell)	2.4V	typical @Ta 25°C; recovery = charger connect	
Discharge current protection	>6.67A	typical @Ta 25°C; recovery = load remove	
Charge current protection	>5A	typical @Ta 25°C; recovery = charger remove	
load short circuit protection	>54 A	typical @Ta 25°C; max 300µs	
non resettable current fuse	7A		
non resettable second over voltage cut-off	4.35V		
Connector	Molex	Microfit 3.0	Pin1 Bat+
		43645-0300	Pin2 NTC
			Pin3 GND
Cable Length	124mm	± 5mm	
Weight	195 g	± 5g	
Watt-hour rating	48Wh	acc. to UN38.3 TSR	

Charging method

CC/CV Charger with NTC temperature control; max. charge voltage shall be limited to 4,1V

- 1) below 0°C with limited performance data (current output and available capacity)
- 2) Recommended Charge Voltage in standby applications / UPS = 4,0V; Do not apply continuous charge (trickle charge) method
- 3) Cell surface temperature
- 4) UL conditions of acceptability to be consider in end application

The data in this datasheet document are for information and descriptive purposes only and are not to make or imply any guarantee or warranty No guarantee for zero failure status of given information inside this document. Please see/request detailed specification for finally valid data.

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