

# PA-LNB162Q-C17UL.4.1.R001



## Dimensions

Length	37.5mm
Width	37.5mm
Height	71mm



IEC62133-2:2017



MH45979 4)

\*picture only for reference

## 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 <sup>2)</sup>		
Charge current	low temp	2.4A 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.	5A -20°C < T < 60°C <sup>1) 3)</sup>		
Over Voltage Cut-off (per cell)	4.1V	typical @Ta 25°C 'safety unit cut-off		
Over Voltage release (per cell)	4V	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	>54A	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	142mm	± 5mm		
Weight	195g	± 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