

# PA-LNB175Q-C17UL.4.1.R001



## Dimensions

Length	75mm
Width	37.5mm
Height	71mm

\*picture only for reference



IEC62133-2:2017



MH45979 4)

## Data for Pack

Nominal voltage	7.2V	5V - 8.2V (usable voltage range)	
Nominal capacity	13.4Ah	typ. @ 4,2V/cell   @4,1V/cell capacity reduction of appr. 12%	
Used cell in pack	8pcs	18650	
Internal resistance pack	67mΩ	±10% typical value @20°C with fresh cells	
Charge voltage	8.2V	max <sup>2)</sup>	
Charge current	low temp	3A 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	140mm	± 5mm	
Weight	370g	± 5g	
Watt-hour rating	96Wh	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