

PA-LNB175Q-C17UL.4.1.R001



*picture only for reference

Dimensions

Lenght	75mm
Width	37.5mm
Height	71mm



IEC62133-2:2017



MH45979

Data for Pack

Nominal voltage	7.2V	5V - 8.2V (usable voltage range)			
Nominal capacity	13.4Ah	typical			
Used cells in pack	8pcs				
Internal resistance pack	67mΩ	±20%			
Charge voltage	8.2V	max ²⁾			
Charge current	standard	2.68A	0°C < T < 45°C ³⁾		
	rapid	3.8A	10°C < T < 45°C ³⁾		
Discharge	standard	2.68A	-20°C < T < 60°C ^{1) 3)}		
	max cont.	5A	-20°C < T < 60°C ^{1) 3)}		
	max peak 1	15A	0°C < T < 40°C ³⁾	t < 5ms	
	max peak 2	30A	0°C < T < 40°C ³⁾	t < 0.2ms	
Over Voltage Cut-off (per cell)	4.1V	safety unit cut-off ± 35mV			
Over Voltage release (per cell)	4V	± 35mV			
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 600μs			
non resettable current fuse	7A				
non resettable second over voltage cut-off	4.35V	± 40mV			
non resettable temperature protection	120°C	typical			
Connector	Molex	Microfit 3.0 43645-0300	Pin1	Bat+	red
			Pin2	NTC	yellow
			Pin3	GND	black
Cable Length	140mm	± 5mm			
Weight	370g	± 5%			
Watt-hour rating	96Wh	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 Voltage in Standby use 8V
- 3) Cell surface temperature, not ambient