

PA-LNB2006Q-C17UL.4.1.R001



*picture only for reference

Dimensions

Length	55mm
Width	37.5mm
Height	71mm



IEC62133-2:2017



MH45979 4)

Data for Pack

Nominal voltage	7.2V	5V - 8.2V (usable voltage range)		
Nominal capacity	10.05Ah	typ. @ 4,2V/cell @4,1V/cell capacity reduction of appr. 12%		
Used cell in pack	6pcs	18650		
Internal resistance pack	72mΩ	±10% typical value @20°C with fresh cells		
Charge voltage	8.2V	max ²⁾		
Charge current	low temp	3A 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)	4.1V	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	290g	± 5g		
Watt-hour rating	72Wh	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.

For more information and the contact details of the local suppliers, please visit CELLTECH-GROUP.COM