

# PA-LNB19-C17UL.4.1.R002



## Dimensions

Lenght	67mm
Width	19mm
Height	22mm



IEC62133-2:2017



MH45979 4)

\*picture only for reference

## Data for Pack

Nominal voltage	3.6V	2.5V - 4.1V (usable voltage range)		
Nominal capacity	3.35Ah	typical		
Used cell in pack	1pcs	18650		
Internal resistance pack	72mΩ	±10% typical value @20°C with fresh cells		
Charge voltage	4.1V	max <sup>2)</sup>		
Charge current	low temp	0.6A 0°C < T < 10°C <sup>3)</sup>		
	standard	1.2A 10°C < T < 45°C <sup>3)</sup>		
Discharge	standard	1.675A -20°C < T < 60°C <sup>1) 3)</sup>		
	max cont.	3A -20°C < T < 60°C <sup>1) 3)</sup>		
Over Voltage Cut-off (per cell)	4.28V	typical @Ta 25°C 'safety unit cut-off		
Over Voltage release (per cell)	4.18V	typical @Ta 25°C		
Under Voltage Cut-off (per cell)	2.3V	typical @Ta 25°C; recovery = charger connect		
Discharge current protection	>4.46A	typical @Ta 25°C; recovery = load remove		
Charge current protection	>4.46A	typical @Ta 25°C; recovery = charger remove		
load short circuit protection	>45A	typical @Ta 25°C; max 300μs		
non resettable current fuse	5A			
non resettable second over voltage cut-off	4.35V			
Connector	JST	XHP-3	Pin1	GND
			Pin2	NTC
			Pin3	BAT+
Cable Length	45mm	± 5mm		
Weight	52g	± 5g		
Watt-hour rating	12Wh	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 continous charge (trickle charge) method
- 3) Cell surface temperature
- 4) UL conditions of acceptability to be consider in end application