

PA-LNB55E-C17UL.4.1.R002



Dimensions

Length	67mm
Width	22.5mm
Height	73mm

*picture only for reference



IEC62133-2:2017



MH45979 4)

Data for Pack

Nominal voltage	3.6V	2.5V - 4.1V (usable voltage range)		
Nominal capacity	13.4Ah	typical		
Used cell in pack	4pcs	18650		
Internal resistance pack	46mΩ	±10% typical value @20°C with fresh cells		
Charge voltage	4.1V	max ²⁾		
Charge current	low temp	2.4A 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.	3A -20°C < T < 60°C ^{1) 3)}		
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	191g	± 5g		
Watt-hour rating	48Wh	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 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