

PA-LNB27-C17UL.4.1.R001



*picture only for reference

Dimensions

Lenght	55.1mm	max
Width	18.5mm	max
Height	71.5mm	max



IEC62133-2:2017



MH45979 4)

Data for Pack

Nominal voltage	10.8V	7.8V - 12.3V (usable voltage range)	
Nominal capacity	3.2Ah	typical	
Used cells in pack	3pcs	NCR18650BF	
Internal resistance pack	300mΩ	±20% @ 1000Hz AC, typ. Initial value	
Charge voltage	12.3V	max ²⁾	
Charge current	low temp	0.5A 0°C < T < 10°C ³⁾	
	standard	1.2A 10°C < T < 45°C ³⁾	
Discharge	standard	0.67A -20°C < T < 60°C ^{1) 3)}	
	max cont.	5A -20°C < T < 60°C ^{1) 3)}	
	max peak 1	15A -20°C < T < 60°C ³⁾ t < 100ms	
	max peak 2	30A -20°C < T < 60°C ³⁾ t < 0.2ms	
Over Voltage Cut-off (per cell)	4.1V	safety unit cut-off	
Over Voltage release (per cell)	4V		
Under Voltage Cut-off (per cell)	2.6V	typical @Ta 25°C; recovery = charger connect	
Under Voltage release (per cell)	3V	typical @Ta 25°C;	
Discharge current protection	>7A	typical @Ta 25°C; recovery = load remove	
Charge current protection	>6A	typical @Ta 25°C; recovery = charger remove	
load short circuit protection	>100A	typical @Ta 25°C; max 650μs	
non resettable current fuse	10A		
non resettable second over voltage cut-off	4.35V	activate final fuse (per cell)	
non resettable temperature protection	120°C	110°C - 130°C, activate final fuse	
Connector	Molex	Microfit 3.0	Pin1 Bat+
		43645-0300	Pin2 NTC
			Pin3 GND
Cable Length	140mm	± 5mm	
Weight	154g	± 5g	
Watt-hour rating	36Wh	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) Charge Voltage Standby / UPS = 12V
- 3) Cell surface temperature
- 4) UL conditions of acceptability to be consider in end application