

# PA-LNB117.R002



## Dimensions

Length	134	± 1mm
Width	38	± 1mm
Height	25	± 1mm



MH45979



IEC 62133 2nd. Ed.

## Data for Pack

Nominal voltage	14.4V	12V - 16.8V ( 12V - 16.4V @ medical applications)				
Nominal capacity	3350mAh	typical (3100mAh minimum)				
Used cell in pack	4pcs	Panasonic NCR-18650B				
Internal resistance pack	150mΩ	±10%				
Max charge voltage	16.8V					
Charge current	max	1625mA	10°C < T < 45°C			
Discharge	standard	500mA	-20°C < T < 60°C *below 0°C with limited performance			
	max cont.	4.875A	0°C < T < 45°C *below 0°C with limited performance			
	max peak	5A	-20°C < T < 45°C t < 1ms *below 0°C with limited performance			
Short circuit current	~ 96A	< 915μs				
NTC	n/a					
Connector	Molex	Microfit 43645-0400	Pin1	Bat+	Pin4	GND
			Pin2	SCL		
			Pin3	SDA		
Cable Length	135mm	± 5mm				
Weight	ca. 220g	± 5g				
Watt-hour rating	48Wh	acc. to UN38.3 Certificate from cell				

## Limitations by Safety Unit (SU) @ Ta 25°C

over voltage (per cell)	cut off	4225mV	±25mV
	release	4050mV	±25mV
under voltage (per cell)	cut off	3000mV	±50mV
	release	3300mV	±50mV
Current Limit 1 by SU		≥5A	≥16s typical
Current Limit 2 by SU		≥14A	≥31ms typical
short circuit protection		≥22.5A	≥ 915μs typical
Power consumption	active	350μA	@ 16.8V ±50μA
	sleep	< 50μA	max.
ESD Protection		YES	

## Recommended Charger

SBS Compliant 4S CC/CV Charger