

PA-LNB217.R002



image only for reference, battery has 4pin connector

Dimensions

Length	134mm	± 1mm
Width	38	± 1mm
Height	43	± 1mm

Data for Pack

Nominal voltage	14.4V	12V - 16.8V (max. 16,4 in medical application / long term use)				
Nominal capacity	6700mAh	typical @ 4,2V / cell / (6200mAh @ 4,1V / cell)				
Used cell in pack	8pcs	Panasonic NCR-18650BF				
Internal resistance pack	100mΩ	±10%				
Max charge voltage	16.4V					
Charge current	standard	1.6A	0°C < T < 45°C			
	rapid	3A	10°C < T < 45°C			
Discharge	standard	1.3A	-20°C < T < 60°C ^{*1)}			
	max cont.	5A	0°C < T < 45°C ^{*1)}			
	max peak	14A	-20°C < T < 45°C t < 5ms ^{*1)}			
Short circuit current	50A	< 300μs				
NTC	n/a	temperature can be read out via SMBus				
Connector	Molex	Microfit	Pin1	Bat+	Pin4	GND
			Pin2	SCL		
			Pin3	SDA		
Cable Length	135mm	± 5mm				
Weight	310g	± 5g				
Watt-hour rating	96Wh	acc. to UN38.3 Certificate				

^{*1)} discharge in ambient temperatures lower than 0°C will result in limited performance in current output and usable capacity

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

over voltage (per cell)	cut off	4100mV	± 25mV
	release	4050mV	± 25mV
under voltage (per cell)	cut off	3000mV	± 50mV
	release	3300mV	± 50mV
Current Limit 1 by SU		≥5A	continous
Current Limit 2 by SU		≥14A	>31ms typical
short circuit protection		≥22.5A	>915μs typical
Power consumption	active	< 350μA	max
	sleep	< 50μA	max

Recommended Charger

Smart Charger, SBS compatible