

PICPALNB117 – 14.4V / 3350 mAh



Dimensions

length: 134 ±1mm
width: 38 ±1mm
height: 25 ±1mm

Data for pack

Nominal Voltage	14.4V	12V - 16.8V
Nominal capacity	3350mAh	typical
Used cell in Pack	4 pcs	Panasonic NCR-18650B / NCR-18650BF
Internal resistance pack	150mΩ	120 -180mΩ
Max charge voltage	16.8V	
Charge current	max.1625mA	10°C < T < 45°C
Discharge	standard	500mA -20°C < T < 60°C
	max.cont.	4875mA 0°C < T < 40°C (limited by connector)
	max.peak	5000mA -20°C < T < 60°C (limited by connector)
Short circuit current	≤ 22.5A	<915μs
NTC	10 kΩ	Tolerance 5%; B-value 25°C/85°C = 3980K
Connector	Molex	Micro Fit
		Pin 1: BAT+/red Pin 2: SCL/blau Pin 3: SDA/gelb Pin 4: GND
Cable length	135mm	±5mm
Weight	ca. 220g	
Watt-hour rating	48Wh	acc. to UN38.3 Certificate

Limitations by Safety Unit (SU)

over voltage (per cell)	cut off	4210mV	±25mV
	release	4050mV	±25mV
under voltage (per cell)	cut off	2500mV	±25mV
	release	3000mV	±25mV
Current limit 1 by SU		< 5A	continuous (typical)
Current limit 2 by SU		> 14A	>31ms (typical)
Current limit 3 by SU		≤ 22.5A	>915μs
Power consumption	active	350μA	
	sleep	120μA	