

PICPALNB126 – 14.4V / 3350 mAh



Dimensions	
length:	73 ±1mm
width:	18,5 ±1mm
height:	71,5 ±1mm

Data for pack

Nominal Voltage	14,4V	12,0 V - 16,8 V
Nominal capacity	3350mAh	typical
Used cell in Pack	4 pcs	Panasonic NCR-18650B
Internal resistance pack	220 mΩ	typical
Max charge voltage	16,8 V	
Charge current	standard	550 mA 0°C < T < 45°C
	rapid	1675 mA 10°C < T < 45°C (limited by cell)
Discharge	standard	670 mA -20°C < T < 60°C
	max.cont.	3350 mA -20°C < T < 45°C (limited by cell)
	max.peak	5500 mA -20°C < T < 45°C (limited by connector)
Short circuit current	≤50 A	<500μs
NTC	10 kΩ	Tolerance 5%; B-value 25°C/85°C = 3980K
Connector	JST	XHP-3
		Pin 1: GND black
		Pin 2: NTC yellow
		Pin 3: PLUS red
Cable length	45mm	±5mm
Weight	ca. 245g	±5g
Watt-hour rating	48Wh	acc. to UN38.3 certificate

Limitations by Safety Unit (SU)

over voltage (per cell)	cut off	4,35V	±25mV
	release	4,15V	±100mV
under voltage (per cell)	cut off	2,4V	±100mV
	release	3,0V	2,9V - 3,1V
Current limit 1 by SU		4200mA	continuous (typical) [6.0V < U < 8.4V]
Current limit 2 by SU		>4200mA	<10ms (typical)
Current limit 3 by SU		≤40A	>1ms (typical)
Power consumption	active	194μA	-40/+40μA
	sleep	0,1μA	-0/+1μA

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