

PICPALNB27 – 10.8V / 3350 mAh



Dimensions	
length:	72.2 ±0.5mm
width:	18.2 ±0.5mm
height:	55.1 ±0.5mm

Data for pack

Nominal Voltage	10.8V	9V - 12.6V
Nominal capacity	3,35Ah	typical
Used cell in Pack	3 pcs	Panasonic NCR-18650B
Internal resistance pack	180mΩ	160 - 210 mΩ
Max charge voltage	12.6V	
Charge current	standard	670mA 10°C < T < 45°C
	rapid	1600mA 10°C < T < 45°C
Discharge	standard	430mA -20°C < T < 60°C
	max.cont.	3350mA -20°C < T < 60°C
	max.peak	4000mA -20°C < T < 60°C
Short circuit current	≤40A	
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	142g	±5g
Watt-hour rating	36Wh	acc. to UN38.3 Certificate

Limitations by Safety Unit (SU) | TA=25°C

over voltage (per cell)	cut off	4.35V	±25mV
	release	4.15V	±50mV
under voltage (per cell)	cut off	2.4V	±80mV
	release	3V	±100mV
Current limit 1 by SU		4000mA	±0.5A continuous (typical) <1ms
Current limit 2 by SU		≤10A	±2A (typical) <1ms
Current limit 3 by SU		24A<ISC≤40A	<0.4ms (typical)
Power consumption	active	~135µA	±15µA
	sleep	~22µA	±5µA