

powered by  
**Panasonic**

UN 38.3

IEC 62133

UL 2054

## PICPAULLNB33 – 3.6V / 10050 mAh



### Dimensions

length: 66 ± 2mm  
width: 19 ± 1mm  
height: 60 ± 2mm

Triangular  
shape available  
upon request:  
PICPAULLNB33X



 UL recognized MH45979, IEC62133 2nd ed. CB Report available

### Data for pack

Nominal Voltage	3.6V	2.75V - 4.2V
Nominal capacity	10050mAh	typical
Used cell in Pack	3pcs	Panasonic NCR-18650BF
Internal resistance pack	114mΩ	103 - 125mΩ
Max charge voltage	4.2V	
Charge current	standard	3000mA 10°C < T < 45°C ( limited by connector )
	rapid	3000mA 10°C < T < 45°C ( limited by connector )
Discharge	standard	1950mA -20°C < T < 60°C
	max.cont.	3000mA -20°C < T < 60°C ( limited by connector )
	max.peak	4200mA -20°C < T < 60°C
Short circuit current	≤29A	>2.4ms
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.131.5g	±5g
Watt-hour rating	36Wh	acc. to UN38.3 Certificate

### Limitations by Safety Unit (SU)

over voltage (per cell)	cut off	4.215V	±25mV
	release	4.10V	±100mV
under voltage (per cell)	cut off	2.3V	±100mV
	release	>2.4V	2.4V - 3.46V
Current limit 1 by SU		3500mA	continuous (typical) [3.0V < Upack < 4.2V]
Current limit 2 by SU		>4200mA	<20ms ( typical)
Current limit 3 by SU		≤29A	>2.4ms (typical)
Power consumption	active	~70μA	-0/+10μA
	sleep	15μA	-0/+0.1μA