

powered by
Panasonic

UN 38.3

IEC 62133

UL 2054

PICPAULLNB55 – 3.6V / 13400 mAh



Dimensions


length: 67 ± 1mm

width: 19 ± 1mm

height: 78 ± 1mm

Different shapes available upon request:
PICPAULLNB55Q
PICPAULLNB55V



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

Data for pack

Nominal Voltage		3.6V	2.5V - 4.2V
Nominal capacity		13400mAh	typical
Used cell in Pack		4 pcs	Panasonic NCR-18650BF
internal resistance pack		110mΩ	99mΩ - 121mΩ
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	2600mA	-20°C < T < 60°C
	max.cont.	3000mA	-20°C < T < 60°C (limited by connector)
	max.peak	3000mA	-20°C < T < 60°C (limited by connector)
Short circuit current		≥34.5A	>320μs
NTC		10 kΩ	
Connector	JST	XHP-3	Pin 1: GND black
			Pin 2: NTC yellow
			Pin 3: PLUS red
Cable length		45mm	±5mm
Weight		ca. 179g	±5g
Watt-hour rating		48Wh	acc. to UN38.3 Certificate

Limitations by Safety Unit (SU)

over voltage (per cell)	cut off	4.215V	±25mV
	release	4.1V	±25mV
under voltage (per cell)	cut off	2.3V	±50mV
	release	2.4V	±50mV
Current limit 1 by SU		≤3A	continuous (typical)
Current limit 2 by SU		≥14.5A	>2.24ms (typical)
Current limit 3 by SU		≥34.5A	>320μs (typical)
Power consumption	active	≤35μA	@4.2V ±5μA
	sleep	10μA	±2μA