

PA-LN19.R003



Dimensions

Lenght	67 mm	± 2 mm
Width	18.5 mm	± 1 mm
Height	22 mm	± 1 mm

Data for Pack

Nominal voltage		3.6V	3V - 4.2V
Nominal capacity		2950mAh	typical
Used cell in pack		1pcs	Panasonic NCR-18650TD
Internal resistance pack		110mΩ	±10%
Max charge voltage		4.2V	max.
Charge current	standard	580mA	10°C < T < 45°C
	rapid	1950mA	10°C < T < 45°C
Discharge	standard	580mA	-20°C < T < 60°C *below 0°C with limited performance
	max. cont.	2200mA	-20°C < T < 60°C *below 0°C with limited performance
	max. peak	2950mA	-20°C < T < 45°C t < 1ms *below 0°C with limited performance
Short circuit current		≥22A	> 500μs
NTC		10kΩ	Tolerance 5%; B-value 25°C/85°C = 3980K
Connector	JST	XHP-3	Pin1 GND black
			Pin2 NTC yellow
			Pin3 PLUS red
Cable Length		45 mm	± 5 mm
Weight		ca. 45g	± 5 g
Watt-hour rating		9.8Wh	acc. to UN38.3 Certificate

Limitations by Safety Unit (SU) @ Ta 25°C

over voltage (per cell)	cut off	4275mV	± 25mV
	release	4075mV	± 25mV
under voltage (per cell)	cut off	2300mV	± 0,050 V
	release	3V	± 0,050 V
Current Limit 1 by SU		≤2.2A	continous
Current Limit 2 by SU		≥2.95A	>2,24 ms
short circuit protection		≤20A	>320μs typical
Power consumption	active	< 12.5μA	@4.2V ±5μA
	shutdown	< 1.5μA	-0/+1μA (when Ubat < 2.25V)

Recommended Charger

1 Cell CC/CV Charger