

PA-LN19.K02.R001

Powered by Panasonic NCR-18650

Dimensions

length	22 mm ± 1 mm
width	18,5 mm ± 1 mm
height	67 mm ± 1 mm

Data for pack

Nominal Voltage	3,6V	3,0V – 4,2V	
Nominal capacity	2900mAh	typical	
Used cell in Pack	1x	Panasonic NCR-18650TD	
internal resistance pack	114mOhm	100 – 130 mOhm	
Max charge voltage	4,2V		
Charge current	standard	550mA	0°C <T< 45°C
	rapid	1925mA	10°C <T< 45°C
Discharge	standard	540mA	-20°C < T < 60°C
	max.cont.	2350mA	-20°C < T < 45°C
	max.peak	2750mA	-20°C < T < 45°C
Short circuit current	≈29A	<500μs	
NTC	10kOhm	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	49g	±2,5g	
Lithium content	0,87g	10,44 Wh	

Limitations by Safety Unit (SU)

over voltage	cut off	4,25V	±25mV
over voltage	release	4,05V	±100mV
under voltage	cut off	2,25V	±100mV
under voltage	release	3,0V	2,25V – 3,45V
Current limit 1 by SU		2350mA	continuous (typical); 3,0V<U _{pack} <4,2V
Current limit 2 by SU		>2750mA	<20ms (typical)
Current limit 3 by SU		≤29A	<2,4ms (typical)
Power consumption	active	≈7μA	-0/+2μA
	sleep	1,5μA	-0/+1,0μA
ESD Protection		no	

- Constructed by approved Panasonic Pack assembler -

