

PA-L55.K01.R001

Powered by Panasonic CGR-18650

Dimensions

length	76 mm ± 1 mm
width	19,5 mm ± 1 mm
height	67 mm ± 1 mm

Data for pack

Nominal Voltage	3,6V	3,0V – 4,2V
Nominal capacity	9000mAh	typical
Used cell in Pack	4x	Panasonic CGR-18650CG
internal resistance pack	120mOhm	110 -130mOhm
Max charge voltage	4,2V	
Charge current	standard	1300mA 0°C < T < 45°C
	rapid	2200mA 10°C < T < 45°C
Discharge	standard	1300mA -20°C < T < 60°C
	max.cont.	2250mA -20°C < T < 45°C
	max.peak	<2700mA -20°C < T < 45°C
Short circuit current	≈30A	< 590μs
NTC	10 kOhm	Tolerance 5%; B-value 25°C/85°C = 3980K
Connector	JST	XHP Pin 1: GND black
		Pin 2: NTC yellow
		Pin 3: PLUS red
Cable length	60mm	±5mm
Weight	175g	±2,5g
Lithium content	2,7g	32,4 Wh

Limitations by Safety Unit (SU)

over voltage (per cell)	cut off	4,3V	±25mV
over voltage (per cell)	release	4,05V	±100mV
under voltage (per cell)	cut off	2,25V	±100mV
under voltage (per cell)	release	3,0V	2,25V – 3,45V
Current limit 1 by SU		2200mA	continuous (typical)
Current limit 2 by SU		>2700mA	< 150ms (typical)
Current limit 3 by SU		≤14A	< 4ms (typical)
Power consumption	active	12,5μA	-0/+7,5μA
	sleep	1,5μA	-0/+1,0μA
ESD Protection		no	

- Constructed by approved Panasonic Pack assembler -

