

PA-L46.K03.R001

Powered by Panasonic CGR-18650



Dimensions	
length	42 mm ± 1 mm
width	19,5 mm ± 1 mm
height	67 mm ± 1 mm

Data for pack

Nominal Voltage	3,6V	4,2V - 3,0V	
Nominal capacity	4500mAh	typical	
Used cell in Pack	2x	Panasonic CGR-18650CG	
internal resistance pack	105mOhm	85 - 155mOhm	
Max charge voltage	4,2V		
Charge current	standard	980mA	0°C < T < 45°C
	rapid	1500mA	10°C < T < 45°C
Discharge	standard	980mA	-20°C < T < 60°C
	max.cont.	2200mA	-20°C < T < 45°C
	max.peak	<2900mA	-20°C < T < 45°C
Short circuit current	<25A	< 590µs	
NTC	10 kOhm	Tolerance 5%; B-value 25°C/85°C = 3980K	
Connector	JST	XHP-3	Pin1: GND black
			Pin2 : NTC yellow
			Pin3: +3,7V red
Cable length	45mm	±5mm	
Weight	92g	±2,5g	
Lithium content	1,35g	16,2Wh	

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		>2950mA	< 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 -

