

PA-L28.K02.R002

Powered by Panasonic CGR-18650



Dimensions

length	38,8 mm ± 1 mm
width	20,5 mm ± 1 mm
height	72,5 mm ± 1 mm

Data for pack

Nominal Voltage		7,2V	6,0V – 8,4V
Nominal capacity		2250mAh	typical
Used cell in Pack		2x	Panasonic CGR-18650CG
internal resistance pack		168mOhm	110 - 190mOhm
Max charge voltage		8,4V	
Charge current	standard	450mA	0°C < T < 45°C
	rapid	1500mA	10°C < T < 45°C
Discharge	standard	450mA	-20°C < T < 60°C
	max.cont.	2250mA	-20°C < T < 45°C
	max.peak	5500mA	-20°C < T < 45°C
Short circuit current		<52A	<1000µs
NTC		10 kOhm	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		ca. 94g	±5g
Lithium content		1,35g	16,2 Wh

Limitations by Safety Unit (SU)

over voltage (per cell)	cut off	4,30V	±25mV
over voltage (per cell)	release	4,05V	±100mV
under voltage (per cell)	cut off	2,0V	±100mV
under voltage (per cell)	release	3,0V	2,250V – 3,450V
Current limit 1 by SU		5500mA	continuous (typical)
Current limit 2 by SU		>5900mA	<10ms (typical)
Current limit 3 by SU		≤35A	>1ms (typical)
Power consumption	active	7,5µA	-0/+7,5µA
	sleep	0,2µA	-0/+0,1µA
ESD Protection		no	

- Constructed by approved Panasonic Pack assembler -

