

JK-electronic GmbH · Am Waldrand 60 · 15711 Königs Wusterhausen



Dimensions	
length	22 mm ± 1mm
width	18,5 mm ± 1mm
height	67,5 mm ± 2mm

Data for pack

Nominal Voltage		3,7V	4,2V - 3,0V
Nominal capacity		2.900mAh	typical
Used cell in Pack		1x	Panasonic NCR-18650
internal resistance pack		127mOhm	120 -140mOhm
Max charge voltage		4,2V	
Charge current	standard	413mA	0°C < T < 45°C
	rapid	825mA	10°C < T < 45°C
Discharge	standard	540mA	-20°C < T < 60°C
	max.cont.	2.350mA	-20°C < T < 45°C
	max.peak	2.750mA	-20°C < T < 45°C
Short circuit current		≈29A	<500µs
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		49g	±5g
Energy		10,44Wh	

Limitations by Safety Unit (SU)

over voltage	cut off	4,26V	±25mV
	release	4,05V	±100mV
under voltage	cut off	2,27V	±100mV
	release	2,28V	2,250V – 3,450V
Current limit 1 by SU		2.350mA	continuous (typical); 3,0V < U _{pack} < 4,2V
Current limit 2 by SU		>2.750mA	< 20ms (typical)
Current limit 3 by SU		≤26A	< 2,4ms (typical)
Power consumption	active	≈7µA	-0/+2µA
	sleep	1,5µA	-0/+1,0µA
ESD protection		no	