



Dimensions

height : 71 +2/-1 mm

diameter: 18,5 +1/-0 mm

Data for pack

Nominal Voltage		3,6V	4,2V - 3,0V
Nominal capacity		3500mAh	typical
Used cell in Pack		1x	LG INR-18650MJ1
internal resistance pack		200mOhm	180 - 230mOhm
Max charge voltage		4,2V	
Charge current	standard	550mA	0°C < T < 45°C
	rapid	1700mA	10°C < T < 45°C
Discharge	standard	550mA	-20°C < T < 60°C
	max.cont.	1700mA	-20°C < T < 45°C
	max.peak	2000mA	-20°C < T < 45°C
Short circuit current		~20A	<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	AWG	45mm	±5mm
Weight		ca. 49g	±5g
Watt-hour rating		12,78Wh	acc. to UN38.3 Certificate Rev. 5.1

Limitations by Safety Unit (SU)

over voltage (per cell)	cut off	4,28V	±25mV
	release	4,18V	±100mV
under voltage (per cell)	cut off	2,30V	±100mV
	release	3,0V	2,250V – 3,450V
Current limit 1 by SU		2300mA	continuous (typical)
Current limit 2 by SU		>2300mA	< 150ms (typical)
Current limit 3 by SU		≤ 20A	< 4ms (typical)
Power consumption	active	12,5µA	-0/+7,5µA
	shutdown	1,5µA	-0/+0,1µA

The data in this datasheet document are for information and descriptive purposes only and are not to make or imply any guarantee or warranty.

No guarantee for zero failure status of given information inside this document. Please see/request detailed specification for finally valid data.

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