

PA-L19.R007



Dimensions

Length	67	± 2 mm
Width	18.5	± 1 mm
Height	22	± 1 mm

Data for Pack

Nominal voltage		3.6V	3,0V - 4.2V		
Nominal capacity		2250mAh	typical		
Used cell in pack		1pcs	Panasonic UR18650A		
Internal resistance pack		98mΩ	±20mOhm (initial)		
Max charge voltage		4,2V			
Charge current	standard	430mA	0°C < T < 45°C		
	rapid	1500mA	10°C < T < 40°C		
Discharge	standard	430mA	-20°C < T < 60°C *below 0°C with limited performance		
	max. cont.	2200mA	-20°C < T < 60°C *below 0°C with limited performance		
	max. peak	2950mA	-20°C < T < 45°C t < 1ms *below 0°C with limited performance		
Short circuit current		≥22A	Typical less than 400µs		
NTC		10kΩ	technical Data NTC		
Connector	JST	XHP-3	Pin1	GND	black
			Pin2	NTC	yellow
			Pin3	PLUS	red
Cable Length		45 mm	± 5 mm		
Weight		ca. 45g	± 5 g		
Watt-hour rating		7.8Wh	acc. to UN38.3 Certificate		

Limitations by Safety Unit (SU) @ Ta 25°C

over voltage (per cell)	cut off	4280mV	± 35mV	
	release	4180mV	± 35mV	
under voltage (per cell)	cut off	2300mV	± 0,100 V	
	release	3V	± 0,200 V	
Current Limit 1 by SU		≤2.95A	continuous *do not exceed max. cont. pack discharge current	
Power consumption	active	< 12.5µA	@4.2V ±5µA	
	shutdown	< 1.5µA	-0/+1µA (when Ubat < 2.25V)	

Recommended Charger

1 Cell CC/CV Charger

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.

For more information and the contact details of the local suppliers, please visit CELLTECH-GROUP.COM