

# PA-L46.R004



## Dimensions

Length	67	± 2 mm
Width	19	± 1 mm
Height	22	± 1 mm

## Data for Pack

Nominal voltage	3.6V	2.75V - 4.2V		
Nominal capacity	4500mAh	typical		
Used cell in pack	2pcs	Panasonic UR-18650AY		
Internal resistance pack	140mΩ	±10%		
Max charge voltage	4.2V			
Charge current	standard	1.5A	0°C < T < 45°C	
	rapid	2.5A	0°C < T < 45°C	
Discharge	standard	0.5A	-20°C < T < 60°C *below 0°C with limited performance	
	max. cont.	2.5A	0°C < T < 40°C *below 0°C with limited performance	
	max. peak	5A	0°C < T < 45°C t < 1ms *below 0°C with limited performance	
Short circuit current	>25A	< 380μs		
NTC	10kΩ	technical Data NTC		
Connector	JST	XHP-3	Pin1	GND black
			Pin2	NTC yellow
			Pin3	VBAT+ red
Cable Length	45 mm	± 5 mm		
Weight	ca. 90g	± 5g		
Watt-hour rating	15.2Wh	acc. to UN38.3 Certificate from cell		

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

over voltage (per cell)	cut off	4.3V	± 25mV
	release	4.05V	± 100mV
under voltage (per cell)	cut off	2.25V	± 100mV
	release	3V	± 50V
Current Limit 1 by SU		2.7A	9ms typical (±300mA)
Current Limit 2 by SU		10.4A	9ms
short circuit protection		25A	< 320μs typical (±6.5A)
Power consumption	active	< 12.5 μA	-0/+7,5μA
	shutdown	< 1.5 μA	-0/+1,0μA (only when UBat < 2.25V)

## Recommended Charger

1 cell CC/CV Charger with temp control (NTC)