

# PA-L236.R001



## Dimensions

Length	34,2	± 1 mm
Width	6,3	± 1 mm
Height	56	± 2 mm

## Data for Pack

Nominal voltage	3,7V	3,0V - 4,2V						
Nominal capacity	1150mAh	typical						
Used cell in pack	1pcs	UF553450Z						
Internal resistance pack	160mΩ	±10%						
Charge voltage	4,2V	max						
Charge current	standard	0,23A	10°C < T < 45°C <sup>2)</sup>					
	rapid	1,15A	10°C < T < 45°C <sup>2)</sup>					
Discharge	standard	0,23A	-20°C < T < 60°C <sup>1), 2)</sup>					
	max. cont.	2,3A	-20°C < T < 60°C <sup>1), 2)</sup>					
	max. peak	2,6A	-20°C < T < 60°C <sup>1), 2)</sup>					
Short circuit current	20A	< 500μs						
NTC	10kΩ	Tolerance 5%; B-value 25°C/85°C = 3980K						
Connector	JST	XHP-3	Pin1	GND	black			
			Pin2	NTC	yellow			
			Pin3	+3,7V	red			
Cable Length	45 mm	± 5 mm						
Weight	ca. 26g	± 2,5 g						
Watt-hour rating	4,3Wh	acc. to UN38.3 Certificate from cell						

1) below 0°C with limited performance in current output and available capacity 2) Cell temperature, not ambient temperature

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

over voltage (per cell)	cut off	4,28 V	± 25 V
	release	4,08 V	± 100 V
under voltage (per cell)	cut off	2,25 V	± 100 V
	release	3,0 V	± 2,25V – 3,45 V
Current Limit 1 by SU		2,6A	continuous
Current Limit 2 by SU		> 2,73A	< 150 ms
short circuit protection		< 14A	4000 μs typical
Power consumption	active	< 12,5 μA	-0/+7,5μA
	shutdown	1,5 μA	-0/+1,0μA

## Recommended Charger

CC/CV Charger with NTC Control

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For more information and the contact details of the local suppliers, please visit [CELLTECH-GROUP.COM](http://CELLTECH-GROUP.COM)