

PA-L236.R001



Dimensions

Lenght	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 ²⁾
	rapid	1,15A	10°C < T < 45°C ²⁾
Discharge	standard	0,23A	-20°C < T < 60°C ^{1), 2)}
	max. cont.	2,3A	-20°C < T < 60°C ^{1), 2)}
	max. peak	2,6A	-20°C < T < 60°C ^{1), 2)}
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