

PA-L2536.R001



Dimensions

Length	22mm	± 0.5mm
Width	25mm	± 0.5mm
Height	72mm	± 1mm

Data for Pack

Nominal voltage		3.6V	2.5V - 4.2V
Nominal capacity		4.2Ah	typical
Used cell in pack		1pcs	INR21700-P42A
Charge voltage		4.2V	max
Charge current	standard	2A	0°C < T < 45°C ²⁾
	rapid	3A	10°C < T < 45°C ²⁾
Discharge	standard	2.5A	-40°C < T < 60°C ^{1), 2)}
	max. cont.	3A	-40°C < T < 60°C ^{1), 2)}
	max. peak	8A	-40°C < T < 60°C ^{1), 2)} t<8ms
Short circuit current		≤ 40A	< 1 ms
NTC		10kΩ	B25/85 = 3977 K; tolerance ± 5%
Connector	Samtec	XHP-3	Pin1 GND
			Pin2 NTC
			Pin3 Bat+
Cable Length		45mm	± 5 mm
Weight		ca. 72g	± 5g
Watt-hour rating		15.12Wh	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	4.28V	4280 +30 mV / -45 mV
	release	4.18V	4180 +40 mV / -70 mV
under voltage (per cell)	cut off	2.3V	2300 +45 mV / -70 mV
	release	2.3V	2300 +45 mV / -70 mV
Current Limit 1 by SU		5.9A	typ. (delay: typ. 8 ms)
Current Fuse		7A	
short circuit protection		22.7A	typ. (delay: typ. 250 μs)
Power consumption	active	< 5μA	typical
	power down	< 1μA	typical

Charging Method

Li-Ion 1S CC/CV Charger, no continuous charging!