PA-L2536.R001

Dimensions

Lenght	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 continous charging!

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