PA-LS19.R001

*picture only for reference

Dimensions

Lenght	45.5mm	± 1mm
Width	19.7 mm(1)	± 1mm
Height	71mm	± 1mm

(1) swelling after 600 cycles up to 1.6mm

Data for Pack								
Nominal voltage		3.65V	2.5V - 4.2V					
Nominal capacity		4Ah	typical					
Used cell in pack		1pcs	Saft MP174565 integration XTD					
Internal resistance pack		100mΩ	±10%					
Max charge voltage		4.2V	max.					
Charge current	standard	0.8A	-30°C < T < 85°C					
	rapid	3A	-30°C < T < 85°C *limited by connector					
Discharge	standard	0.8A	-40°C < T < 85°C					
	max. cont.	3A	-40°C < T < 85°C *limited by connector					
	max. peak	12A	-40°C < T < 85°C t < 2ms					
Short circuit current		≤ 24A	< 320 µs					
NTC		10kΩ	Tolerance 5%; B-value 25°C/85°C = 3980K					
Connector	JST	XHP-5	Pin1	Bat+	red	Pin4	NTC	white
			Pin2	SCL	blue	Pin5	GND	black
			Pin3	SDA	yellow			
Cable Length		70mm	± 5 mm					
Weight		105g	± 5g					
Watt-hour rating		15Wh	acc. to UN38.3 Certificate from cell manufacturer					

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	4.215V	± 0.025V
	release	4.115V	± 0.025V
under voltage (per cell)	cut off	2.3V	± 0.05V
	release	2.4V	± 0.05V
Current Limit 1 by SU		3.8A	t < 9ms
Current Limit 2 by SU		12.4A	t < 2.24ms
short circuit protection		≤ 24A	< 320µs typical
Power consumption	active	70µA	max. 100µA
	shutdown	10 µA	max. 25µA

Recommended Charger
C-LIO-1SN15-1.8M_DIN4GPN.R001

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