

PA-L76.R002

Fairfield®

A part of Celltech Group

Dimensions

Length	36.6 mm	± 1 mm
Width	19 mm	± 1 mm
Height	71 mm	± 1 mm



Data for Pack

Nominal voltage	7.2V	6V - 8.4V			
Nominal capacity	2200mAh	typical (2100mAh rated)			
Used cell in pack	2pcs	Panasonic UR-18650A			
Internal resistance pack	175mΩ	±10%			
Max charge voltage	8.4V				
Charge current	standard	450mA	0°C < T < 45°C		
	rapid	1600mA	0°C < T < 45°C		
Discharge	standard	450mA	-20°C < T < 60°C *below 0°C with limited performance		
	max. cont.	2250mA	-20°C < T < 45°C *below 0°C with limited performance		
	max. peak	4500mA	-20°C < T < 45°C t < 5ms *below 0°C with limited performance		
Short circuit current	< 34A	< 1000μs			
NTC	10kΩ	Tolerance 5%; B-value 25°C/85°C = 3980K			
Connector	JST	XHP-3	Pin1	GND	Black
			Pin2	NTC	Yellow
			Pin3	Bat+	Red
Cable Length	45 mm	± 5 mm			
Weight	94g	± 10g			
Watt-hour rating	15.2Wh	acc. to UN38.3 Certificate from cell			

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

over voltage (per cell)	cut off	4300mV	± 25mV
	release	4050mV	± 100mV
under voltage (per cell)	cut off	2000mV	± 100mV
	release	3000mV	2250mV - 3450mV
Current Limit 1 by SU		4500mA	continuous
Current Limit 2 by SU		>5900mA	< 10ms (typical)
short circuit protection		≤ 34A	>1ms (typical)
Power consumption	active	15μA	max typical 7.5μA
	power down	< 0.2μA	±1μA (power down when U < UnderVoltage Cut off)

Recommended Charger

C-LIO-2SN15-1,8M-DIN4--PNG.R001