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Rechargeable Li-ion battery pack – 1688.01.001.4

Configuration: 1S3P

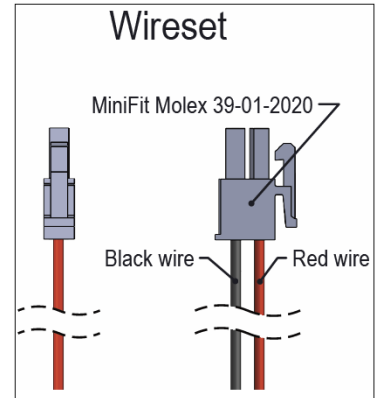


Dimensions:

Length: 55.5 ± 1mm

Width: 21.5 ± 1mm

Height: 66.0 ± 1mm



Data for pack

Nominal Voltage		3.65V	
Rated Capacity		8.01Ah	
Cell used in Pack		3pcs	INR18650-29E
Internal Resistance, Pack		63.2mΩ	Typical
Max charge voltage		4.20V	
Charge current	standard	3.9A	25°C
	rapid	5.5A	25°C
Discharge	standard	5.5A	25°C
	max. Peak	8A	25°C
Short Circuit current		32.40A	t<10ms
Cable length		150mm	± 5mm
Connector		Molex	MiniFit 39-01-2020
Weight		146g	± 5g
Watt-hour rating		29.21 Wh	Rated
Charge temperature		standard	0°C - 45°C
		rapid	10°C - 40°C
Discharge temperature		standard	-20°C - 60°C
Storage temperature		1 year	0~23°C
Note 1: Self discharge <1% / month			
Note 2: Delivery SOC approx. 30%			

Limitations by Safety Unit (SU)

over voltage (per cell)	cut off	4.325V	±0.025mV
	release	4.10V	±0.25mV
under voltage (per cell)	cut off	2.50V	±0.05mV
	release	3.00V	±0.25mV
Current limit 1 by SU		8.00A	t<10ms
Current limit 2 by SU		10.00A	t<18ms
Current limit 3 by SU		-	
Power consumption	active	≈10μA	
	sleep	-	