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Rechargeable Li-ion battery pack - 1686.01.001.4

Configuration: 1S1P

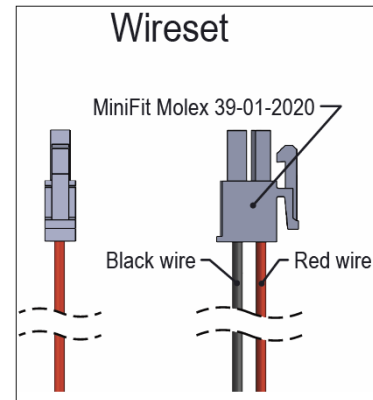


Dimensions:

Length: 22.5 ± 1mm

Width: 18.5 ± 1mm

Height: 66 ± 1mm



Data for pack

Nominal Voltage		3.65V	
Rated Capacity		2.67 Ah	
Cell used in Pack		1pcs	INR18650-29E
Internal Resistance, Pack		93mΩ	Typical
Max charge voltage		4.20V	
Charge current	standard	1.3A	25°C
	rapid		
Discharge	standard	2.5A	25°C
	max. Peak	3.8A	25°C t<4s
Short Circuit current		14.5A	In shipping state 30% SOC 2.28ms
Cable length		150mm	± 5mm
Connector		Molex	MiniFit 39-01-2020
Weight		55g	± 5g
Watt-hour rating		9.74 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 aprox. 30%			

Limitations by Safety Unit (SU)

over voltage (per cell)	cut off	4.325V	±0.25mV
	release	4.1V	±0.25mV
under voltage (per cell)	cut off	2.5V	±0.80mV
	release	3.0V	±0.25mV
Current limit 1 by SU		3.8A	t<5.5s
Current limit 2 by SU		4.8A	t<13ms
Current limit 3 by SU		-	
Power consumption	active	≈5.0μA	
	sleep	≈0.1μA	