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**Rechargeable Li-ion battery pack – 1687.01.001.4**

**Configuration: 1S2P**

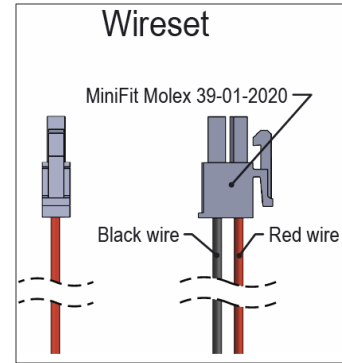


**Dimensions:**

**Length: 36.5 ± 1mm**

**Width: 20.5 ± 1mm**

**Height: 66 ± 1mm**



**Data for pack**

Nominal Voltage	3.65V		
Rated Capacity	5.34Ah		
Nominal Capacity	5.5Ah		
Cell used in Pack	2pcs	INR18650-29E	
Internal Resistance, Pack	110mΩ	Typical	
Max charge voltage	4.20V		
Charge current	standard	2.75A	25°C
	rapid	3.3A	25°C
Discharge	standard	3.3A	25°C
	max. Peak	3.8A	25°C t<3.5s
Short Circuit current	15.80A	2.30ms	
Cable length	150mm	± 5mm	
Connector	Molex	MiniFit 39-01-2020	
Weight	96g	± 5g	
Watt-hour rating	19.22Wh	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	4.10V	±0.25mV
under voltage (per cell)	cut off	2.50V	±0.08mV
	release	3.00V	±0.25mV
Current limit 1 by SU	3.80A		t<3.5s
Current limit 2 by SU	4.80A		t<13ms
Current limit 3 by SU	-		
Power consumption	active	≈5.0μA	
	sleep	≈0.1μA	