

Rechargeable Li-ion battery pack – 1690.01.001.5

Configuration: 2S1P

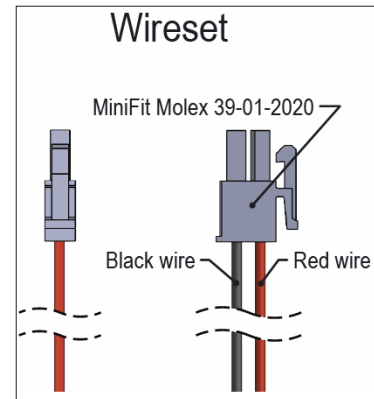


Dimensions:

Length: 37.0 ± 1mm

Width: 20.5 ± 1mm

Height: 67.0 ± 1mm



Data for pack

Nominal Voltage		7.30V	
Rated Capacity		2.67Ah	
Cell used in Pack		2pcs	INR18650-29E
Internal Resistance, Pack		137.7mΩ	Typical
Max charge voltage		8.40V	
Charge current	standard	1.3A	25°C
	rapid	2.6A	25°C
Discharge	standard	3.0A	25°C
	max. Peak	4.0A	25°C t<30s
Short Circuit current		39.0A	t<0.6ms
Cable length		150mm	± 5mm
Weight		96g	± 5g
Connector		Molex	MiniFit 39-01-2020
Watt-hour rating		19.48 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	4.20V	±0.25mV
	release	4.05V	±0.25mV
under voltage (per cell)	cut off	2.40V	±0.08mV
	release	3.00V	±0.25mV
Current limit 1 by SU		4A	t<30s
Current limit 2 by SU		7.5A	t<19ms
Current limit 3 by SU		-	
Power consumption	active	≈5.0μA	
	sleep	≈0.2μA	