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Rechargeable Li-ion battery pack – 1691.01.001.4

Configuration: 2S2P

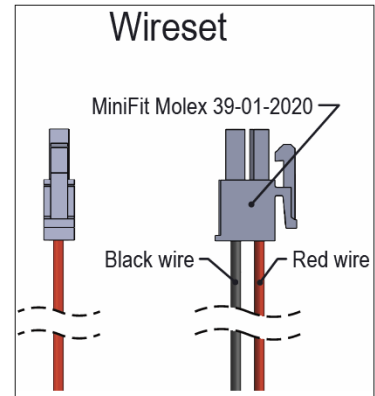


Dimensions:

Length: 37 ±1mm

Width: 39 ±1mm

Height: 68,5 ±1mm



Data for pack

Nominal Voltage	7.3V		
Rated Capacity	5.34Ah		
Used cell in Pack	4pcs	INR18650-29E	
Internal resistance pack	100mΩ	±10%	
Max charge voltage	8.4V	25°C	
Charge current	standard	2.75A	25°C
	rapid	3A	25°C
Discharge	standard	1.1A	25°C
	max. cont.	3A	25°C
	max. Peak	5A	25°C t<70s
Short Circuit current	60A	t<450μs	
Cable length	150mm	± 5mm	
Connector	Molex	MiniFit 39-01-2020	
Weight	190g	±10g	
Watt-hour rating	39Wh		
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	4.35V	±0.025
	release	4.05V	±0.05
Under Voltage (per cell)	cut off	2.4V	±0.08
	release	3V	±0.075
Current Limit 1 by SU	5A		t~70s
Current Limit 2 by SU	8A		t~20ms
Power Consumption	active		