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Rechargeable Li-ion battery pack – 1692.01.001.4

Configuration: 2S3P

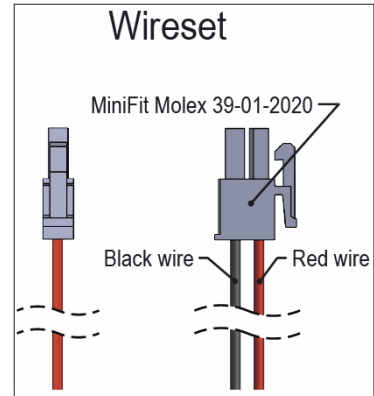


Dimensions:

Length: 59 ±1mm

Width: 38 ±1mm

Height: 66,5 ±1mm



Data for pack

Nominal Voltage		7.3V	
Rated Capacity		8.01Ah	
Nominal Capacity		8.25Ah	
Used cell in Pack		6pcs	INR18650-29E
Internal resistance pack		59mΩ	±10%
Max charge voltage		8.4V	25°C
Charge current	standard	4A	25°C
	rapid	6A	25°C
Discharge	standard	1.6A	25°C
	max. cont.	6A	25°C
	max. Peak	16A	25°C t<1s
Short Circuit current		110A	t<5ms
Cable length		150mm	± 5mm
Connector		Molex	MiniFit 39-01-2020
Weight		290g	±10g
Watt-hour rating		58.5Wh	
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	4.25V	±0.025
	release	4.05V	±0.05
Under Voltage (per cell)	cut off	2.4V	±0.08
	release	3.0V	±0.01
Current Limit 1 by SU		20A	t~300ms
Current Limit 2 by SU		22A	t~27ms
Power Consumption	active		