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Rechargeable Li-ion battery pack – 1699.01.001.4

Configuration: 4S2P

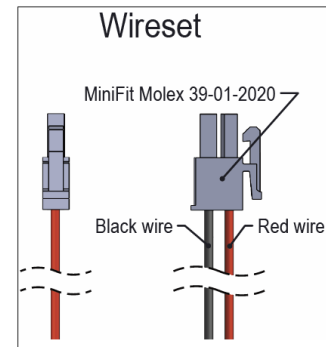


Dimensions:

Length: 74,5 ±1mm

Width: 40 ±1mm

Height: 68 ±1mm



Data for pack

Nominal Voltage		14.6V	
Rated Capacity		5.54Ah	
Used cell in Pack		8pcs	INR18650-29E
Internal resistance pack		155mΩ	±10%
Max charge voltage		16.8V	25°C
Charge current	standard	2.75A	25°C
	rapid	3.3A	25°C
Discharge	standard	1.1A	25°C
	max. cont.	3.3A	25°C
	max. Peak	4.5A	25°C
Short Circuit current		115A	t<60s t<1ms
Cable length		150mm	± 5mm
Connector		Molex	MiniFit 39-01-2020
Weight		385g	±10g
Watt-hour rating		81Wh	
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 approx. 30%			

Limitations by Safety Unit (SU)

Over Voltage (per cell)	cut off	4.35V	±0.025
	release	4.15V	±0.05
Under Voltage (per cell)	cut off	2.4V	±0.08
	release	3.0V	±0.1
Current Limit 1 by SU		4.5A	t~60s
Current Limit 2 by SU		5.5A	t~70ms
Power Consumption	active		