

Powered by

WAMTECHNIK

Rechargeable Li-ion battery pack – 1687.01.001.4

Configuration: 1S2P

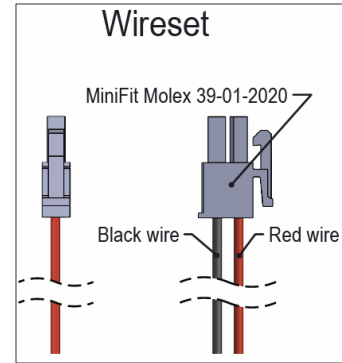


Dimensions:

Length: 36.5 ± 1mm

Width: 20.5 ± 1mm

Height: 66 ± 1mm



Data for pack

Nominal Voltage		3.65V	
Rated Capacity		5.34Ah	
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
Short Circuit current		15.80A	t<3.5s 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	