

Rechargeable Li-ion battery pack – 1694.01.001.4

Configuration: 3S1P

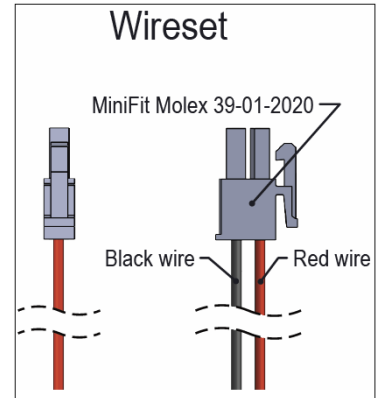


Dimensions:

Length: 55.5 ± 1mm

Width: 19.0 ± 1mm

Height: 70.0 ± 1mm



Data for pack

Nominal Voltage		10.95V	
Rated Capacity		2.67Ah	
Nominal Capacity		2.75Ah	
Cell used in Pack		3pcs	INR18650-29E
Internal Resistance, Pack		195.4mΩ	Typical
Max charge voltage		12.60V	
Charge current	standard	1.3A	25°C
	rapid	2.6A	25°C
Discharge	standard	3.0A	25°C
	max. Peak	5A	25°C t<80ms
Short Circuit current		48.14A	t<1.06ms
Cable length		150mm	± 5mm
Connector		Molex	MiniFit 39-01-2020
Weight		146g	± 5g
Watt-hour rating		29.21 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 approx. 30%			

Limitations by Safety Unit (SU)

over voltage (per cell)	cut off	4.35V	±0.25mV
	release	4.10V	±0.25mV
under voltage (per cell)	cut off	2.40V	±0.25mV
	release	3.00V	±0.25mV
Current limit 1 by SU		4A	t<50s
Current limit 2 by SU		5A	t<80ms
Current limit 3 by SU		-	
Power consumption	active	≈10μA	
	sleep	-	