



Rechargeable Li-ion battery pack – 1687.01.001.1

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	
Cable length	155mm	± 5mm	
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	

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	