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Rechargeable Li-ion battery pack – 1689.01.001.1 Configuration: 1S4P



Dimensions:

Length: 74 ±1mm

Width: 21,5 ±1mm

Height: 69 ±1mm

Data for pack

Nominal Voltage		3.65V	
Rated Capacity		10.68Ah	
Used cell in Pack		4pcs	INR18650-29E
Internal resistance pack		67mΩ	±10%
Max charge voltage		4.2V	25°C
Charge current	standard	4.5A	25°C
	rapid	-	-
Discharge	standard	2A	25°C
	max. cont.	4.5A	25°C
	max. Peak	8A	25°C t<5s
Short Circuit current		38A	t<3ms
Cable length		150mm	±5mm
Weight		195g	±10g
Watt-hour rating		39Wh	
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	4.325V	
	release	4.075V	±0.025
Under Voltage (per cell)	cut off	2.5V	
	release	2.9V	±0.05
Current Limit 1 by SU		8A	t ~10ms
Current Limit 2 by SU		10.2	t ~18ms
Power Consumption	active		