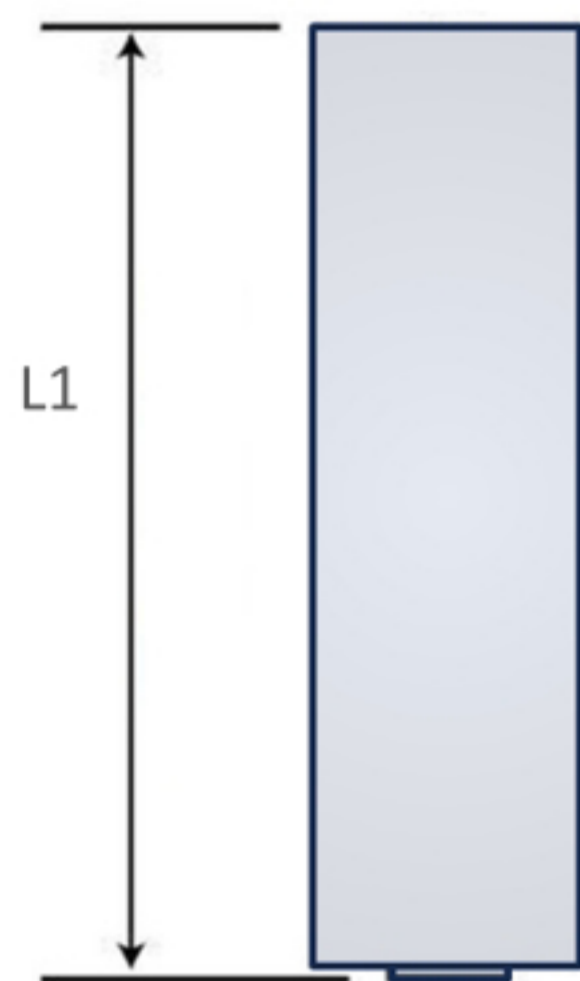


SA10

SiCore™ | Rechargeable Lithium-Ion Cell



4Ah Energy + Mid Power 18650 Cell



W1

Specifications

Capacity	Typical	4000 mAh
		14.4 Wh
	Minimum	3850 mAh
		13.86 Wh
Cell Voltage	Nominal	3.60 V
	Charge	4.20 V
	Discharge	2.50 V
Discharge Current	Max Continuous	12 A (3C)
	Max Pulse (≤ 30 seconds)	20 A (5C)
Charge Current	Typical	2 A (C/2)
	Maximum (0% to 100% SOC)	4 A (1C)
Temperature Range Ambient	Discharge	-20 to 60°C
	Charge	0 to 45°C
Internal Resistance	ACIR (1 kHz @ 30% SOC)	≤ 25 m Ω
	DCIR	N/A
Cycle Life	+0.5C / -1C, 4.2 to 2.75V	600 cycles
Weight		48 \pm 2 g
Packaging		18650 Cylindrical
Cathode		NMC
Energy Density	Gravimetric	300 Wh/kg
	Volumetric	830 Wh/l
Certifications	UN 38.3, IEC 62133*, UL1642*, PSE*	

Dimensions

Size	L1	65.05 \pm 0.15mm
	W1	18.35 \pm 0.15mm