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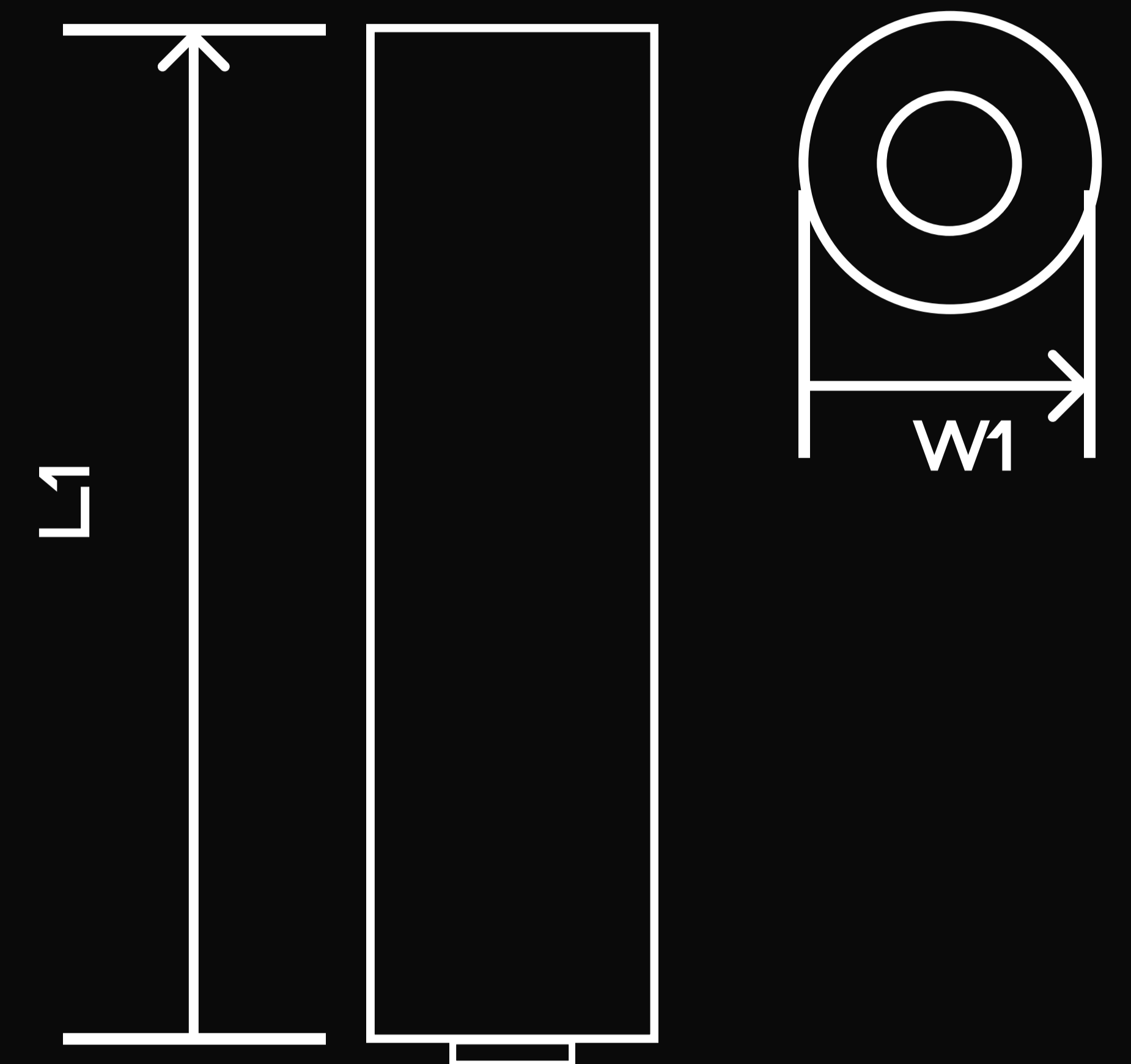
SA10 SILICON BASED HIGH CAPACITY AND STORAGE BATTERY

Utilising Silicon Anode Cells, These SA10 Model Cells From Amprius Have Quickly Become A Standard Of Quality At Walker Industries. Within an 18650 Package, These Batteries Contain An Energy Density of 300Wh/KG; Outperforming Other Batteries In The Market.



Specifications

Capacity	Typical	4000mAh 14.4 Wh
	Minimum	3850mAh 13.86Wh
Cell Voltage	Nominal	3.60v
	Charge	4.20v
	Discharge	2.50v
Discharge Current	Max Continuous	8A (2C)
	Max Pulse (≤ 30 s.)	20A (5C)
Charge Current	Typical	2A (C/2)
	Max (0 To 100 SOC)	4A (1C)
Temp.	Discharge	-20 to 60°C
	Charge	0 to 45°C
Internal Resistance	ACIR (1 kHz @ 30% SOC)	≤ 25 mΩ
Cycle Life	+0.5C / -1C, to 70% SOH	600 cycles
Weight		48 ±2 g
Packaging		18650 Cylindrical
Energy Density	Gravimetric	300 Wh/kg
	Volumetric	830 Wh/l
Certifications		UL 1642, UN 38.3



L1 65.05 ±0.15mm

W1 18.35 ±0.15mm

Technical Data Sheet

For Sale Related Information, Please Contact Herman@walkerindustries.xyz