



Emergency Power Back-up



Flexible Installation



Cost-effective



Expandable



Peak Load Shifting



Residential Battery Pack

System Total Energy: 5.12kWh



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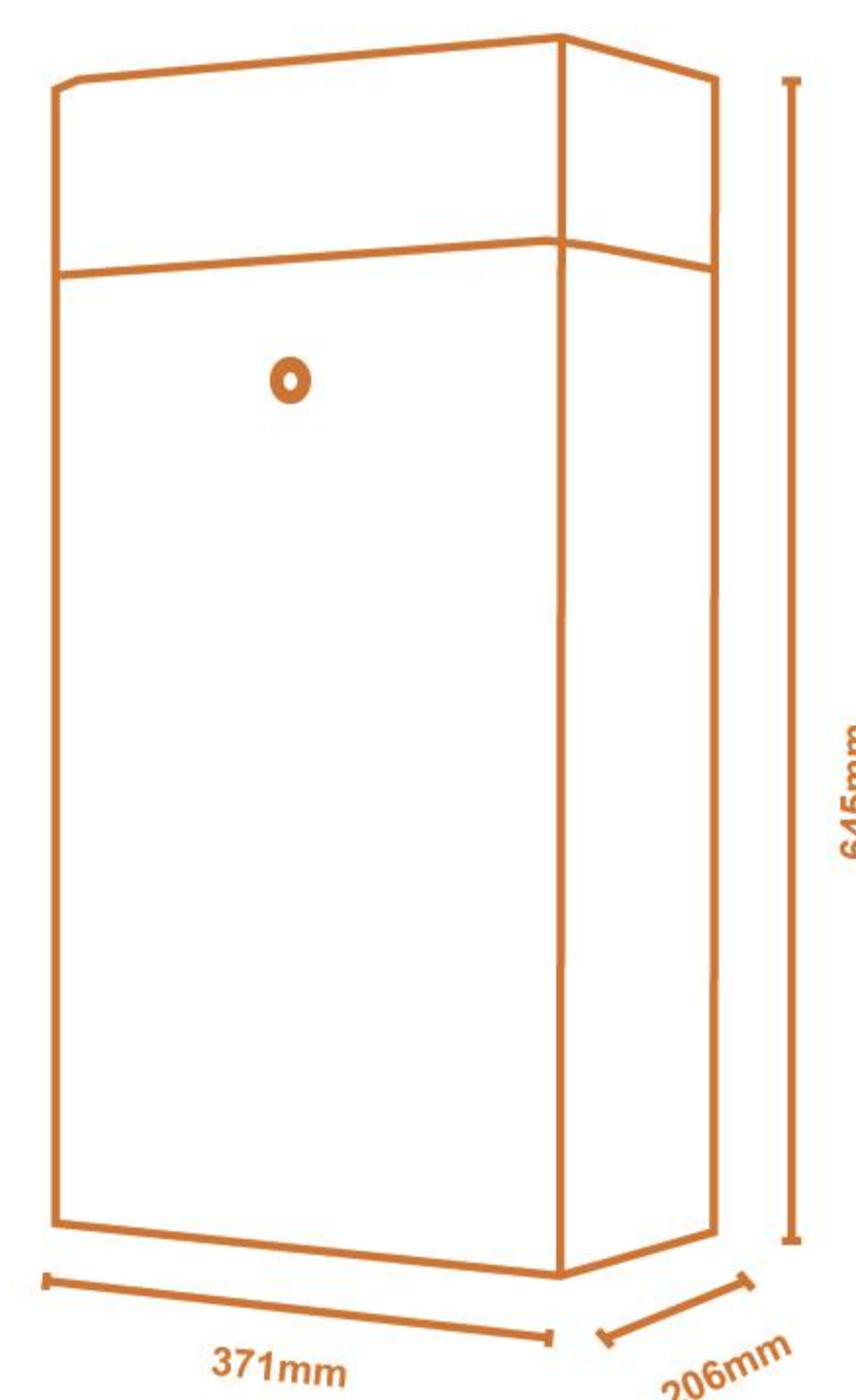
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SYL

Technical Specification

Item	Specification
System Model	SBL5.1K2

Pack Specification

Nameplate Capacity	5.12kWh
Usable Energy	4.8kWh
Nominal Power	2.56kW
Max. Number in Parallel	5
Battery Chemistry	LFP
Nominal Voltage	51.2V
Voltage Range	46.4 ~ 57.6V
Dimension (W×H×D)	371×645×206mm
Weight	53.5kg
Communication Protocol	CAN2.0 / RS485
IP Rating	IP65
Charge & Discharge Temperature Range	0 ~ 55℃
Charge & Discharge Current (Continuous/max.,amps)	50/55A
Design Life	10years
Cooling Method	Natural Air
Mounting	Ground or Wall
Warranty	(90% DOD, 25℃) ≥ 5000 cycles
Certificate	IEC62619, IEC62040, IEC61000, CEC

Application Scenarios

