



Emergency Power Back-up



Flexible Installation



Cost-effective



Expandable



Peak Load Shifting

## Residential Battery Pack

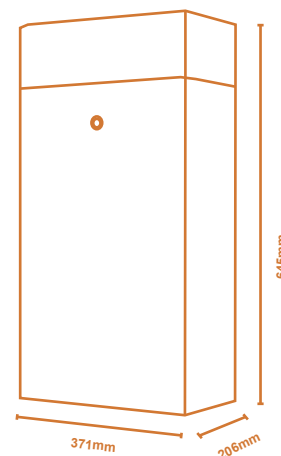
Nominal Capacity: 5.12kWh

Tel: +86-400-101-8585

E-mail: [service@sylbattery.com](mailto:service@sylbattery.com)

Web: [www.sylbattery.com](http://www.sylbattery.com)

Add: No.23 Xingke Middle Road, Meilin Street, Ninghai County, Ningbo City, Zhejiang Province, China



**SYL**

## Technical Specification

Item	Specification
System Model	SH51FL
<b>Specification</b>	
Battery Chemistry	LFP
Scalability	Max. 5 in parallel
Nominal Voltage (V)	51.2
Voltage Range (V)	46.5~57
Charge/Discharge Current (A)	50
Nominal Power (kW)	2.56
Nominal Capacity (kWh)	5.12
Usable Capacity (kWh)	4.8
Dimensions (W×H×D) (mm)	371×645×206
Weight (kg)	53.5
Communication Protocol	CAN2.0/RS485
IP Rating	IP65
Working Temperature (°C)	3~52
Storage Temperature (°C)	-30~60
Humidity	0~95%
Altitude (m)	<2000
Cooling	Natural Air
Installation	Floor Stand or Wall Mount
Design Life	10years
Warranty	Standard Warranty: 5 years Performance Warranty: ≥3650 cycles (90% DOD, 25°C working condition)
Certification	IEC62619, IEC62040, IEC61000, CEC
Compatible Inverters	GoodWe, SMA

## Application Scenarios

