



Emergency Power Back-up



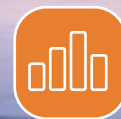
Flexible Installation



Cost-effective



Expandable



Peak Load Shifting

Residential Battery Pack

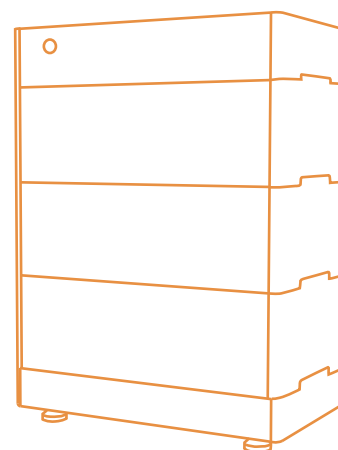
Nominal Capacity: 11.1~22.2kWh(3~6 Modules)

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SYL

Technical Specification

Item	Specification			
System Model	SH11K1NH	SH14K8NH	SH18K5NH	SH22K2NH
Battery Chemistry	NCM			
Number of Modules	3	4	5	6
Nominal Voltage (V)	222	296	370	444
Voltage Range (V)	198~249	264~332	330~415	398~498
Charge/Discharge Current (A)	25			
Nominal Power (kW)	5.55	7.4	9.25	11.1
Nominal Capacity (kWh)	11.1	14.8	18.5	22.2
Usable Capacity (kWh)	9.9	13.3	16.6	19.9
Dimensions (W×H×D) (mm)	595×876×345	595×1068×345	595×1260×345	595×1452×345
Weight (kg)	125	160	195	230
Communication Protocol	CAN2.0			
IP Rating	IP20			
Working Temperature (°C)	5~40			
Storage Temperature (°C)	-40~85			
Humidity	0~95%			
Altitude (m)	<2000			
Cooling	Natural Air			
Installation	Floor stand or wall mount			
Design Life	10years @1 cycle per day			
Warranty	Standard Warranty: 5 years Performance Warranty: ≥3650 cycles (90% DOD, 25°C working condition)			
Certification	IEC62619, IEC62040, IEC61000, CEC			
Compatible Inverters	GoodWe			

Application

