

NOVA 1000

YOSHOPO

Low-Voltage Residential Energy Storage

Low voltage | Stacked | Indoor



High Flexibility

5kWh single battery pack
Scalable to 40.96kWh
Easy installation with individual control of the single battery box

Long Life Cycle

Life Cycle \geq 6000 (70% SOH)
10-year battery warranty

High Compatibility

110A or 250A high current output available
Compatible with mainstream brands of inverters
Brackets or battery cabinet options

High Safety

CATL LFP cells, are safe and stable
Remote maintenance and update

Nova 1000				
System Specifications				
System Model	YLB1-5	YLB1-10	YLB1-15	YLB1-20
Battery Module Model	BB-LFP-100Ah-P			
Number of Battery Modules	1	2	3	4 (up to 16 units)
Nominal Capacity (kWh)	5	10	15	20
Rated Voltage Range (V)	44.8 ~ 57.6			
Rated Charge/Discharge Current (A)	50/100			100/100
Maximum Charge/Discharge Current (A)	100/100			110/110
Communication				
Display	SOC Status Indicator/Operational Status			
Communication	RS485/CAN/Ethernet (Remote query and control)			
General Specification				
System Dimension (W×D×H)(mm)	392×591×198	392×591×391	392×591×584	392×591×777
System Weight (kg)	45	93	140	186
Installation Mode	Stacked			
IP Rating	IP22			
Cell Technology	LFP			
DOD (%)	95			
Cycle Life (@25°C)	≥6000			
Standard Inverter	Standard Inverter for Solar Energy Storage with Compatible Communication Protocols			
Environment Parameters				
Operating Temperature (°C)	Charge at 0 ~ 45, Discharge at -20 ~ 45			
Operating Humidity (%)	5 ~ 95 (RH)			
Operating Altitude (m)	< 2000			
Standards Compliance				
Battery System Certifications	IEC 62619, UN 38.3, CE-EMC, IEC 60730-1, VDE 2510-50, IEC 62477			