

Residential ESS

YOSHOPO 

NOVA 1000



NOVA 1000

Performance	
Product Name	Rechargeable Li-ion Battery System
Battery Type	BB-LFP-100Ah-P
Max Continuous Discharge Rate(kW)	2.5
Rated DC Charge / Discharge Power(kW)	2.5/2.5
Nominal Capacity (kWh)	5.12
Usable Capacity(kWh)	4.86
Operating Voltage Range	44.8~57.6
Standard Charge / Discharge Current (A)	50/50
Max Charge / Discharge Current (A)	50/50
General Specification	
Dimensions (W D H) (mm)	387*581*133
Weight (kg)	45
Depth of Discharge (%)	95
Communication Method	RS485/CAN
Protection Class	IP22
Operating Ambient Temperature (°C)	Charge: 5~55 ; Discharge: -20~55
Operating Ambient Humidity (%)	5~95 (No Condensation)
Operating Altitude (m)	< 2000
Life Cycle (25°C, 0.5C/0.5C@70%SOH)	≥6000
Certification	
Certification	IEC62619, UL1973, UN38.3, CE-EMC, FCC, UL 60730-1, VDE2510-50,UL9540A

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