

Residential Energy Storage System

High-voltage Stackable Residential ESS Battery



Features



Stackable design, wireless connection is easy to install, saving space;



Strong expansibility, free choice of 10-20kWh energy;



IP65 design for outdoor use environment.

*The product diagram is for reference only!



Technical Parameters

Model	YT-B10K6MH1	YT-B15K9MH1	YT-B21K2MH1
Major Parameter			
Rated Energy [kWh]	10.6	15.9	21.2
Nominal capacity[Ah]	52	52	52
BatteryType	LFP (LiFePO ₄)		
Pack Method	2M/32S1P	3M/32S1P	4M/32S1P
Nominal Voltage [V]	204.8	307.2	409.6
Secondary protection	Optional		
Weight [kg]	114.5	163.6	212.7
Dimensions [W * D * H mm]	655*189*880	655*189*1195	655*189*1510
Operating Temperature Range [°C]	Charge: -10~ +55 / Discharge: -20 ~ +60		
Storage Temperature[°C]	≤35°C (≤30day,20~40% SOC)		
Functional Characteristics			
Short Circuit Protection	Yes		
Sleep and wake	Multiple sleep and wake modes		
Relative Humidity	0~95%	0~95%	0~95%
Max. Operating Altitude [m]	2000	2000	2000
Ingress Protection Rating	IP65	IP65	IP65
Installation	Stackable		
Standard and Certification	UL 1973、UL 9540A、UL9540、IEC62619		
EMC	CE		
Transportation	UN38.3、MSDS		

■ Product continues to iterate, specifications may be updated without prior notice.

