

Residential Energy Storage System

Low-voltage Stackable Residential ESS Battery



Features



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



Strong expansibility, free choice of 5-60kWh energy;



IP65 design for outdoor use environment.

*The product diagram is for reference only!



Technical Parameters

Model	YT-B10K2ML1	YT-B15K3ML1	YT-B20K4ML1
Major Parameter			
Rated Energy [kWh]	10.24	15.36	20.48
Nominal capacity[Ah]	200	300	400
BatteryType	LFP (LiFePO ₄)		
Pack Method	2M/16S1P	3M/16S1P	4M/16S1P
Nominal Voltage [V]	51.2	51.2	51.2
Voltage range[V]	41.6~58.4		
Secondary protection	Optional		
Weight [kg]	114.3	165.8	217.3
Dimensions [W * D * H mm]	655*189*930	655*189*1270	655*189*1610
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	Standing type		
Standard and Certification	UL 1973、UL 9540A、UL 9540、IEC 62619		
EMC	CE		
Transportation	UN38.3、MSDS		

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

