

TIAJUS天聚

Residential Energy Storage system

Low-voltage Stackable Residential ESS Battery



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*The product diagram is for reference only!

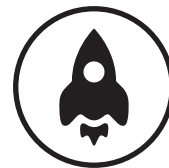
Features



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



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



IP65 design for outdoor use environment.

Technical Parameters

Low-voltage Stackable Residential ESS Battery

Category	Name	TJ-B20K2ML1	TJ-B15K3ML1	TJ-B20K4ML1
Major Parameter	Rated Energy (kwh)	10.2	15.3	20.4
	Depth of Discharge (DOD)	95%	95%	95%
	Nominal capacity	100Ah	100Ah	100Ah
	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	
	Nominal power(kW)*3	10.24	15.36	20.48
	Secondary protection	Optional		
	Weight (kg)	114.3	165.8	217.3
	Dimensions (L*W* 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、UL9540、IEC62619		
	EMC	CE		
	Transportation	UN38.3、MSDS		

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

