

Residential Energy Storage

ZT-B77NHVI



Quick Installation

Plug and play connection saves 40% installation time;

Strong Stability

Multiple battery protections including communication, MOS, 2nd fault mandatory protection to enable overall full protection;

High Safety

Protection level at Ip65, independent fire-proof designed for battery cells, whose fire-resistant material is tested at 1200°C flame.

Model	ZT-B230HVI	ZT-B307HVI	ZT-B384HVI	ZT-B461HVI
System power	10kW/11kWh	15kW/15kWh	15kW/19kWh	15kW/23kWh
PV String Input				
Max. DC PV Input Power(W)	15	22.5		
Max. DC PV Input Voltage(V)	1000			
PV Voltage Range(V)	180-850			
Voltage Range(V)	125-600			
Number of PV Modules	2			
Max. PV /input Current Per Channel	13			
Battery Parameter				
Battery Type	LFP(LiFePO4)			
Battery Voltage (V)	230	307	384	461
Max. Charge/Discharge Current(A)	50/40			
Battery Capacity(Ah)	50			
AC Output				
AC Output Power(kW)	10	15		
AC Voltage/Frequency	380/400V&50/60Hz(3W+N+PE)			
Tated Output Current (A)	14.5	21.7		
Protetive Functions	Anti-reverse current/ Anti over current protection/ Anti reverse connection/ Anti series fault/ Detection/ Anti AC short circuit protection			
General Specification				
Dimension[W*D*H]	580*395*1465	580*395*1615	1277*395*1465	1277*395*1465
			1277*395*570	1277*395*720
Battery Weight(kg) ±1kg	135	180	225	270
Inverter Weight (kg)	29			
Overall Weight (kg) ±2kg	212.8	257.8	309	354
Certification	IEC/EN62109-1/-2 IEC62619 UN38.3			