

ZT-B5NLVI-G2

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.



Model	ZT-B5LVI-G2	ZT-B10LVI-G2
System Power	5kW / 5kWh	5kW / 10kWh
PV String Input		
Max. DC PV Input Power (W)	6000	
Max. DC PV Input Voltage (V)	550	
PV Voltage Range (V)	125 - 500	
Number of PV Module	2	
Max. PV Input Current Per Channel (A)	13	
Max. PV Instantaneous Overload Current Per Cicuit (A)	14	
Battery Parameter		
Battery Type	LFP(LiFePO4)	
Rated Voltage (V)	51.2	
Charge / Discharge Voltage Range (V)	40 - 58	
Max. Charge / Discharge Current (A)	95 / 100	
Battery Capacity (Ah)	100Ah	100Ah*2
Rated Energy (kWh)	5.12	5.12*2
AC Output		
AC Output Power (W)	5000	
AC Voltage / Frequency	230Vac & 50 / 60Hz	
Rated Output Current (A)	21.7	
Efficiency		
Maximum PV Efficiency	97.8%	
EURO PV Efficiency	97%	
Protective Functions	Anti-reverse current / Anti over current protection / Anti reverse connection / Anti series fault detection / Anti AC short circuit protection	
General Specification		
Dimension [W x D x H]	550 x 207 x 1052mm	550 x 207 x 1454mm
Battery Weight (kg)	55	110
Inverter Weight (kg)	25	
System Weight (kg)	98	153
Operating Temperature Range	-20 ~ +55°C	
Noise Level	< 30dB	
Cooling Method	Natural cooling	
Operating Altitude	≤ 2000m	
Environmental Humidity Range	0 - 95%RH	
Protection Level	Ip65 (Inverter&Battery pack)	
Warranty Years	5 years	
Communication	Rs485 / CAN	
Battery Status	APP	
Certification	IEC / EN62109-1 / -2 IEC62619 UN38.3	