



HYBRID PORTABLE E INEVRTER WITH POWER BACKUP 5K/6.5K



Smart WIFI monitor, user friendly.



Integrated with inverter, MPPT
charger, AC charger,



Modular & stacked design for
easy expansion and installation.



Easy installation, configurable of
work mode and charge current.



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HYBRID PORTABLE E INEVRTER WITH POWER BACKUP

TECHNICAL PARAMETER

MODEL	ZING PE-BUSS-5K	ZING PE-BUSS-6.5K
SPECIFICATION		
Inverter / Charger		
Inverter Type	5KVA/24V	6.5KVA/48V
Rated Power	With PV 5KW, W/O PV 4200W	6500W
Output Voltage Waveform	Pure Sine Wave	Pure Sine Wave
Output Voltage	230Vac 50Hz	230Vac 50Hz
Low DC Warning Voltage	23.8Vdc	47.6Vdc
Low DC Cut-off Voltage	23.4Vdc	46.8Vdc
Low DC Warning Return Voltage	24Vdc	48Vdc
Charging Current(Utility and solar together)	160A Max.	120A Max.
Bulk Charging Voltage	28.8Vdc	57.6Vdc
Float Charging Voltage	28Vdc	56.0Vdc
AC Input		
Nominal Input Voltage	230Vac	
Low Loss Voltage	170Vac ± 7(UPS),90Vac ± 7(Appliances)	
Low Loss Return Voltage	180Vac ± 7(UPS),100Vac ± 7(Appliances)	
High Loss Voltage	280Vac ± 7	
High Loss Return Voltage	270Vac ± 7	
Max. AC Input Voltage	300Vac	
Nominal Input Frequency	50HZ / 60HZ(Auto detection)	
AC Charging Current	160A Max.	120A Max.
Solar Input		
Nominal PV Voltage	360Vdc	360Vdc
PV Array MPPT Voltage Range	60Vdc~450Vdc	60Vdc~450Vdc
Max. PV Array Open Circuit Voltage	500Vdc	500Vdc
I max. PV	27A	27A
Lithium Iron Battery		
Capacity	8kWh	15kWh
Nominal Battery Voltage	25.6Vdc	51.2Vdc
Typical Capacity	314Ah	300Ah
Max.Charge Current	150A	150A
Max.Discharge Current	200A	200A
Operation Voltage Range	23.4Vdc~28.6Vdc	46.8Vdc~57.6Vdc
Operation Temperature	-10°C~+50°C	-10°C~+50°C
Protection		
Protection	Overcharge protection, Overdischarge protection, Overcurrent protection, Shortcircuit protection, Overtemperature protection	
Ambient		
Noise(dB)	<55dB (1 meter)	
Working Temperature	-10°C~+50°C	
Humidity	0~95% (no condensation)	
Sea Level(m)	≤1500	
Dimension		
L×W×H (products size)	460*250*815mm	455*315*895mm
L×W×H (package size)	555*350*980mm	550*410*1070mm
Weight(NW Kg)	76.8Kg	127.4Kg
Weight(GW Kg)	94.8Kg	147Kg

