



LIVOLTEK ALL-IN-ONE HYBRID INVERTER



Elegant modular and Unified Design



Automatic Activation in the event of power



Residential & Business Usage



Smart and Easy Operation

oxbow

LIVOLTEK

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Specifications

Our Oxbow system can support the following appliances for 2-hour load-shedding periods: Lights, Tv, Wifi, Gaming console, Fridge, Electrical fence, Freezer, Alarm, Air fryer/ microwave.

* Longer periods would require another battery.

AC Output @ Grid		
AC Input Voltage/Frequency	186 ~ 290Vac/50 or 60Hz	
Nominal AC Power	5000W	
Nominal AC Current	21.7A	
THD of AC Current	<3%	
EPS Output @ Off Grid		
EPS Output Voltage/Frequency	220Vac/50 or 60Hz, Single Phase	
Continuous Output Power (@25C)	5kVA	
EPS Output Current	21.7A	
Peak Power	1.1 x Pnom, 60 Sec; 1.5 x Pnom, 100ms	
Power Factor	~1 (Adjustable from 0.8 Leading to 0.8 Lagging)	
Waveform	Pure Sinusoidal Wave	
THD of AC Voltage	<3% with Resistive Load	
Solar Input		
Max. PV Voltage	600V	
MPPT Voltage Range	125~550V	
Max. PV Current	14/14A	
Max. Short Circuit Current	17.5/17.5A	
Strings Per MPP Tracker	1	
No. of MPP Trackers	2	
Battery Input		
Battery Type	Lithium Battery	
Battery Voltage	40~60V	
Galvanic Isolation for Battery	Yes	
Max Charge Current	100A	
BMS Communication	CAN	
Protection	Over Voltage, Under Voltage, Over Current, Short Circuit, Over Temperature	
Efficiency		
Euro Efficiency	97.4%	
Max. Efficiency	97.8%	
Battery Model		BLF51-5
Cell Type	LFP	
Nominal Energy	5kWh	
Max. Depth of Discharge	90%	
Nominal Voltage	51.2V	
Operating Voltage Range	40-58.4V	
Nominal Capacity	100Ah	
Max. Charge Current	50A	
Max. Discharge Current	100A	
Scalability	Up to 5 modules/25kWh	

CONTACT OXBOW:



08610 OXBOW



SALES@OXBOWSA.CO.ZA

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