



## 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**

# LIVOLTEK ALL-IN-ONE HYBRID INVERTER

## 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

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