



**-FOX 10.5KW SINGLE
PHASE INVERTER**
**-FOX 9.6KW STACKABLE
BATTERY**



Continuous backup
power



Monitor system
remotely



Scalable battery
storage system



Solar Compatibility

oxbow

FOX

FOX 10.5KW SINGLE PHASE INVERTER

Specifications

Input AC (KH ONLY)		Electrical Characteristics	
Max. Recommended DC Power [W]	15000	Battery Type	Li-Ion
Max. DC Voltage [V]	600	Battery Voltage Range	85-450
Norminal DC Operating Voltage [V]	360	Recommended Battery Voltage [V]	300VDC
Max. Input Current (Input A / Input B) [A]	16/16/16/16	Max. Charge Current [A]	50
Max. Short Circuit Current (Input A / Input B) [A]	20/20/20/20	Max. Discharge Current [A]	50
Max. Inverter Backfeed Current to the Array [mA]	0	Communication Interfaces	CAN/ RS485
MPPT Voltage Range [V]	80-500	Reverse Connect Protection	YES
Start-up Voltage [V]	75	Input AC	
No. of MPP Trackers	4	Max AC Power [VA]	18000
Strings Per MPP Tracker	1	Max. AC Current [A]	78.3
DC Disconnection Switch	Optional	Rated Grid Voltage (AC Voltage Range) [V]	220/230/240 (180 to 270)
Output AC		ESP Output (With Battery)	
Norminal AC Power [VA]	10500	Max. EPS Power [VA]	10500
Max. Apparent AC power [VA]	10500	EPS Rated Voltage [V], Frequency [Hz]	230VAC. 50/60
Rated Grid Voltage (AC Voltage Range) [V]	220/230/240	Max. EPS Current [A]	45.7
Norminal AC Current [A]	45.7	EPS Peak Power [W]	12000, 30s
Max. AC Current [A]	45.7	Switch Time [s]	<20ms
Displacement Power Factor	0.8 Leading	Total Harmonic Distortion (THDv, Linear Load)	<2%
Total Harmonic Distortion (THDi, Rated Power)	<3%	Parallel Operation	Yes @max10PCS
Dimension And Weight		Dimension And Weight (Continued)	
Demensions (W * H * D) [mm]	450*527*203mm	Topology	Non-isolated
Weight [kg]	29Kg	LCD Display	Backlight 16*4 Character
Cooling Concept	Natural	Communication	Ethernet, Meter, WIFI, 4G, USB

FOX 9.6KW BATTERY

Specifications

Electrical Characteristics	ECS4800 -H2	ECS4800 -H3	ECS4800 -H4	ECS4800 -H5	ECS4800 -H6	ECS4800 -H7
Battery Type	LiFePO4 Prismatic Cell					
Battery Module	1*CM4800 1*CS4800	1*CM4800 2*CS4800	1*CM4800 3*CS4800	1*CM4800 4*CS4800	1*CM4800 5*CS4800	1*CM4800 6*CS4800
Nominal Capacity[Wh]	9320/9490(1/3C)	13980/14240(1/3C)	18640/18990(1/3C)	23300/23740(1/3C)	27960/28490(1/3C)	32610/33240(1/3C)
Nominal Voltage [V]	89.6	134.4	179.2	224	268.8	313.6
Operating Voltage[V]	81.2 ~ 103	121.8 ~ 154.5	162.4 ~ 206	203 ~ 257.6	243.6 ~ 309.1	284.2 ~ 360.6
Recommend Discharge Current [A]	25					
Max.Charge/Discharge Current [A]	50					
Peak Discharge Current [A]	65 @30sec					
Battery Pack Round-Trip Efficiency [%]	>95					
Depth of discharge [%]	90					
Cycle Life	≥6000					
Communication	CAN					
Display	CS: LED*1, CM: LED*6					
Scalability	Max. 7 Modules in Series					

CONTACT OXBOW:



08610 OXBOW



SALES@OXBOWSA.CO.ZA

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