

OUTBACK FX & VX SERIES
Sinewave Inverter with built-in 3-way charger

2000W - 3000W
12V, 24V or 48V DC input

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The [OUTBACK FX & VX Series](#) true sinewave inverter/charger is a complete power solution. It incorporates a DC to AC true sinewave inverter, battery charger and AC transfer switch all housed within a die-cast aluminum chassis. "Smart" multistage battery charging means less generator "on" time, and extends the life of your batteries. Outback's modular system architecture permits flexibility allowing small systems the ability to increase the power output as the demand grows from 2 to 30kW - even in 3-phase configurations. Non-volatile memory retains all programming information even when the inverter isn't on.

The FX series uses a sealed chassis that can operate in the harshest environmental conditions such as high humidity and corrosive salt air - excellent for coastal and marine installations.

The VFX series uses a vented chassis with "bug proof" screened openings that allow higher AC output power. OutBack Power inverter/chargers are the best choice when you need a true sinewave, powerful, modular and reliable power solution for your home, business, telecom or mobile application.



FX Series Sealed Inverter



VX Series Vented Inverter

TECHNICAL SPECIFICATIONS

MODEL	Sealed Models			Vented			
	FX2012ET	FX2024ET	FX2348ET	VFX2612E	VFX3024E	VFX3048E	
Nominal DC Input Voltage	12 VDC	24 VDC	48 VDC	12 VDC	24 VDC	48 VDC	
Continuous Power Rating at 25 °C	2000 VA	2000 VA	2300 VA	2600 VA	3000 VA	3000 VA	
AC Voltage/Frequency	230VAC 50Hz	230VAC 50Hz	230VAC 50Hz	230VAC 50Hz	230VAC 50Hz	230VAC 50Hz	
Continuous AC RMS Output at 25 °C	8.7A AC	8.7A AC	10.0A AC	11.3A AC	13.0A AC	13.0A AC	
Idle Power	Full	~ 20W	~ 20W	~ 23W	~ 20W	~ 20W	~ 23W
	Search	~ 6W	~ 6W	~ 6W	~ 6W	~ 6W	~ 6W
Typical efficiency	90%	92%	93%	90%	92%	93%	
Total Harmonic Distortion	Typical	2%	2%	2%	2%	2%	2%
	Maximum	5%	5%	5%	5%	5%	5%
Output Voltage Regulation	± 2%	± 2%	± 2%	± 2%	± 2%	± 2%	
Maximum Output Current	Peak	28A AC	35A AC	35A AC	28A AC	35A AC	35A AC
	RMS	20A AC	25A AC	25A AC	20A AC	25A AC	25A AC
AC Overload Capability	Surge	4600VA	5750VA	5750VA	4600VA	5750VA	5750VA
	5 Second	4000VA	4800VA	4800VA	4000VA	4800VA	4800VA
	30 Minutes	2500VA	3100VA	3100VA	3100VA	3300VA	3300VA
AC Input Current Maximum	30A AC	30A AC	30A AC	30A AC	30A AC	30A AC	
AC Input Voltage Range (MATE adjustable)	160 to 300VAC	160 to 300VAC	160 to 300VAC	160 to 300VAC	160 to 300VAC	160 to 300VAC	
AC Input Frequency Range	44 to 56Hz	44 to 56Hz	44 to 56Hz	44 to 56Hz	44 to 56Hz	44 to 56Hz	
DC Input Voltage Range	10.5 to 17.0 VDC	21.0 to 34.0 VDC	42.0 to 68.0 VDC	10.5 to 17.0 VDC	21.0 to 34.0 VDC	42.0 to 68.0 VDC	
Continuous Battery Charge Output	100A DC	55A DC	35A DC	120A DC	85A DC	42A DC	
Minimum Recommended DC Breaker	OBDC-250	OBDC-175	OBDC-100	OBDC-250	OBDC-250	OBDC-175	
Weight	28.4 kg			27.7 kg			
Dimensions	33 x 21 x 41 cm			30 x 21 x 41 cm			