

# FX & VFX Series Export

Sealed & Vented True Sinewave Inverter/Charger

**OutBack**  
Power Systems



The OutBack 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. Our *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.

## *Sealed FX*

- Sinewave Output
- “Smart” Battery Charging
- Modular System Design
- Non-Volatile Memory
- Sealed Aluminum Chassis
- Network Communications
- Light Weight

## *Vented VFX*

- Sinewave Output
- “Smart” Battery Charging
- Modular System Design
- Non-Volatile Memory
- High Surge Power
- Network Communications
- Light Weight

## European Specifications

		<i>Sealed Models</i>			<i>Vented Models</i>		
		<b>FX2012ET</b>	<b>FX2024ET</b>	<b>FX2348ET</b>	<b>VFX2612E</b>	<b>VFX3024E</b>	<b>VFX3048E</b>
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		230 VAC 50 Hz	230 VAC 50 Hz	230 VAC 50 Hz	230 VAC 50 Hz	230 VAC 50 Hz	230 VAC 50 Hz
Continuous AC RMS Output at 25° C		8.7 amps AC	8.7 amps AC	10.0 amps AC	11.3 amps AC	13.0 amps AC	13.0 amps AC
Idle Power	Full	~ 20 Watts	~ 20 Watts	~ 23 Watts	~ 20 Watts	~ 20 Watts	~ 23 Watts
	Search	~ 6 Watts	~ 6 Watts	~ 6 Watts	~ 6 Watts	~ 6 Watts	~ 6 Watts
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	28 amps AC	35 amps AC	35 amps AC	28 amps AC	35 amps AC	35 amps AC
	RMS	20 amps AC	25 amps AC	25 amps AC	20 amps AC	25 amps AC	25 amps AC
AC Overload Capability	Surge	4600 VA	5750 VA	5750 VA	4600 VA	5750 VA	5750 VA
	5 Second	4000 VA	4800 VA	4800 VA	4000 VA	4800 VA	4800 VA
	30 Minutes	2500 VA	3100 VA	3100 VA	3100 VA	3300 VA	3300 VA
AC Input Current Maximum		30 amps AC	30 amps AC	30 amps AC	30 amps AC	30 amps AC	30 amps AC
AC Input Voltage Range (MATE Adjustable)		160 to 300 VAC	160 to 300 VAC	160 to 300 VAC	160 to 300 VAC	160 to 300 VAC	160 to 300 VAC
AC Input Frequency Range		44 to 56 Hz	44 to 56 Hz	44 to 56 Hz	44 to 56 Hz	44 to 56 Hz	44 to 56 Hz
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		100 amps DC	55 amps DC	35 amps DC	120 amps DC	85 amps DC	42 amps DC
Minimum Recommended DC Breaker		OBDC-250	OBDC-175	OBDC-100	OBDC-250	OBDC-250	OBDC175
Warranty		Standard 2 year / Optional 5 year			Standard 2 year / Optional 5 year		
Weight	Unit	62.2 lbs (28.4 kg)			61 lbs (27.7 kg)		
	Shipping	67 lbs (30 kg)			64 lbs (29 kg)		
Dimensions (H x W x L)	Unit	13 x 8.25 x 16.25" (33 x 21 x 41 cm)			12 x 8.25 x 16.25" (30 x 21 x 41 cm)		
	Shipping	21.75 x 13 x 22" (55 x 33 x 56 cm)			21.75 x 13 x 22" (55 x 33 x 56 cm)		

