



# FX & VFX Series International

Sealed & Vented True Sinewave Inverter/Charger

## Sealed FX

- Sinewave Output
- Intelligent Battery Charging
- Modular Stackable Design
- High Operating Efficiency
- Weather-resistant Sealed Chassis
- Field Serviceable
- Integrated Network Communications
- Standard 5 Year Warranty

## Vented VFX

- Sinewave Output
- Intelligent Battery Charging
- Modular System Architecture
- High Operating Efficiency
- Bug Proof Chassis
- Corrosion Resistant Internal Components
- Field Serviceable
- Integrated Network Communications
- Standard 5 Year Warranty



Vented VFX

Sealed FX



OutBack Power's true sinewave inverter/charger is a complete power solution. It incorporates a DC-to-AC sinewave inverter, battery charger and an AC transfer relay housed within a die-cast aluminum chassis. Intelligent multistage battery charging reduces generator run-time and prolongs the life of your batteries. Built-in networked communications enables multiple units to be stacked and connected with other OutBack power electronics providing industry leading integration and near infinite application flexibility. The exclusive modular system architecture means that increased power output is just an additional

inverter/charger away. Our flagship FX series uses a sealed chassis that can operate in the harshest environmental conditions such as areas with high humidity, corrosive salt air, sand or dust. The VFX series uses a vented chassis with bug proof screened openings that allow high output AC power in the hottest of operating conditions.

OutBack Power Inverter/Chargers are the only choice when you need a true sinewave, powerful, modular and reliable power solution for your home, business or extreme application.

**OutBack**  
**POWER**  
member of The  Group™

[www.outbackpower.com](http://www.outbackpower.com)

## FX & VFX Series International Specifications

		Sealed Models			Vented Models		
		FX2012ET	FX2024ET	FX2348ET	VFX2612E	VFX3024E	VFX3048E
<b>Nominal DC Input Voltage</b>		12 VDC	24 VDC	48 VDC	12 VDC	24 VDC	48 VDC
<b>Continuous Power Rating at 25°C (77°F)</b>		2000 VA	2000 VA	2300 VA	2600 VA	3000 VA	3000 VA
<b>AC Voltage/Frequency</b>		230 VAC / 50 Hz	230 VAC / 50 Hz	230 VAC / 50 Hz	230 VAC / 50 Hz	230 VAC / 50 Hz	230 VAC / 50 Hz
<b>Continuous AC RMS Output at 25°C (77°F)</b>		8.7 Amps AC	8.7 Amps AC	10 Amps AC	11.3 Amps AC	13 Amps AC	13 Amps AC
<b>Idle Power</b>	<b>Full</b>	~ 20 Watts	~ 20 Watts	~ 23 Watts	~ 20 Watts	~ 20 Watts	~ 23 Watts
	<b>Search</b>	~ 6 Watts	~ 6 Watts	~ 6 Watts	~ 6 Watts	~ 6 Watts	~ 6 Watts
<b>Typical Efficiency</b>		90%	92%	93%	90%	92%	93%
<b>Total Harmonic Distortion</b>	<b>Typical</b>	2%	2%	2%	2%	2%	2%
	<b>Maximum</b>	5%	5%	5%	5%	5%	5%
<b>Output Voltage Regulation</b>		± 2%	± 2%	± 2%	± 2%	± 2%	± 2%
<b>Maximum Output Current</b>	<b>Peak</b>	28 Amps AC	35 Amps AC	35 Amps AC	28 Amps AC	35 Amps AC	35 Amps AC
	<b>RMS</b>	20 Amps AC	25 Amps AC	25 Amps AC	20 Amps AC	25 Amps AC	25 Amps AC
<b>AC Overload Capability</b>	<b>Surge</b>	4600 VA	5750 VA	5750 VA	4600 VA	5750 VA	5750 VA
	<b>5 Seconds</b>	4000 VA	4800 VA	4800 VA	4000 VA	4800 VA	4800 VA
	<b>30 Minutes</b>	2500 VA	3100 VA	3100 VA	3100 VA	3300 VA	3300 VA
<b>AC Input Current Maximum</b>		30 Amps AC	30 Amps AC	30 Amps AC	30 Amps AC	30 Amps AC	30 Amps AC
<b>AC Input Voltage Range (MATE Adjustable)</b>		160 to 300 VAC	160 to 300 VAC	160 to 300 VAC	160 to 300 VAC	160 to 300 VAC	160 to 300 VAC
<b>AC Input Frequency Range</b>		44 to 56 Hz	44 to 56 Hz	44 to 56 Hz	44 to 56 Hz	44 to 56 Hz	44 to 56 Hz
<b>DC Input Voltage Range</b>		10.5 to 17 VDC	21 to 34 VDC	42 to 68 VDC	10.5 to 17 VDC	21 to 34 VDC	42 to 68 VDC
<b>Temperature Range</b>	<b>Rated</b>	0 to 50°C (power derated above 25°C)			0 to 50°C (power derated above 25°C)		
	<b>Maximum</b>	-25 to 60°C (Functions, but does not necessarily meet all component specifications)			-25 to 60°C (Functions, but does not necessarily meet all component specifications)		
<b>Continous Battery Charge Output</b>		100 Amps DC	55 Amps DC	35 Amps DC	120 Amps DC	85 Amps DC	45 Amps DC
<b>Warranty</b>		Standard 5 year Warranty			Standard 5 year Warranty		
<b>Weight</b>	<b>Unit</b>	29 kg (62 lbs)			28 kg (61 lbs)		
	<b>Shipping</b>	31 kg (67 lbs)			31 kg (67 lbs)		
<b>Dimensions (H x W x L)</b>	<b>Unit</b>	33 x 21 x 41 cm (13 x 8.24 x 16.25")			30 x 21 x 41 cm (12 x 8.25 x 16.25")		
	<b>Shipping</b>	55 x 33 x 56 cm (21.75 x 13 x 22")			55 x 33 x 56 cm (21.75 x 13 x 22")		

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