



# N-Series FX & VFX Series

Sealed & Vented True Sinewave Inverter/Charger

## Sealed FX

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

## Vented VFX

- Sinewave Output
- Intelligent Battery Charging
- Modular, Stackable Design
- 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 N-Series true sinewave inverter/charger is a complete power solution designed for the 100 Vac 50 Hz Japanese market. It incorporates a DC to AC sinewave inverter, battery charger and AC transfer switch housed within a die-cast aluminum chassis. Intelligent multi-stage battery charging runs your generator less 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 high humidity and corrosive salt air. 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™**  
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[www.outbackpower.com](http://www.outbackpower.com)

## N-Series FX & VFX Specifications

		<i>Sealed Models</i>		<i>Vented Models</i>	
		<b>FX2224NT</b>	<b>FX2448NT</b>	<b>VFX2724N</b>	<b>VFX2848N</b>
<b>Nominal DC Input Voltage</b>		24 Vdc	48 Vdc	24 Vdc	48 Vdc
<b>Continuous Power Rating at 25°C</b>		2200 VA	2400 VA	2700 VA	2800 VA
<b>AC Voltage/Frequency</b>		100 Vac / 50 Hz	100 Vac / 50 Hz	100 Vac / 50 Hz	100 Vac / 50 Hz
<b>Continuous AC RMS Output at 25°C</b>		22 Aac	24 Aac	27 Aac	28 Aac
<b>Idle Power</b>	<b>Full</b>	~20 W	~23 W	~20 W	~23 W
	<b>Search</b>	~6 W	~6 W	~6 W	~6 W
<b>Typical Efficiency</b>		92%	93%	92%	93%
<b>Total Harmonic Distortion</b>	<b>Typical</b>	2%	2%	2%	2%
	<b>Maximum</b>	<5%	<5%	<5%	<5%
<b>Output Voltage Regulation</b>		± 2%	± 2%	± 2%	± 2%
<b>Maximum Output Current</b>	<b>Peak</b>	70 Aac	70 Aac	70 Aac	70 Aac
	<b>RMS</b>	50 Aac	50 Aac	50 Aac	50 Aac
<b>AC Overload Capability</b>	<b>Surge</b>	5000 VA	5000 VA	5000 VA	5000 VA
	<b>5 Seconds</b>	4100 VA	4100 VA	4100 VA	4100 VA
	<b>30 Minutes</b>	2800 VA	2800 VA	3000 VA	3000 VA
<b>AC Input Current Maximum</b>		60 Aac	60 Aac	60 Aac	60 Aac
<b>AC Input Voltage Range (adjustable)</b>		66 to 120 Aac	66 to 120 Aac	66 to 120 Aac	66 to 120 Aac
<b>AC Input Frequency Range</b>		44 to 56 Hz	44 to 56 Hz	44 to 56 Hz	44 to 56 Hz
<b>DC Input Voltage Range</b>		21 to 34 Vdc	42 to 68 Vdc	21 to 34 Vdc	42 to 68 Vdc
<b>Operating Temperature Range</b>		-40 to 60°C (power derated above 25°C)		-40 to 60°C (power derated above 25°C)	
<b>Continuous Battery Charge Output</b>		50 Adc	35 Adc	65 Adc	35 Adc
<b>Warranty</b>		Standard 5 year		Standard 5 year	
<b>Weight</b>	<b>Unit</b>	28.0 kg		27.6 kg	
	<b>Shipping</b>	30.0 kg		29.0 kg	
<b>Dimensions (H x W x L)</b>	<b>Unit</b>	33 x 21 x 41 cm		30 x 21 x 41 cm	
	<b>Shipping</b>	55 x 33 x 56 cm		55 x 33 x 56 cm	

Specifications subject to change without notice

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