



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 true sinewave inverter/charger is a complete power solution. It incorporates a DC-to-AC sinewave inverter, battery charger and 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 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™
member of The **alphan** Group™

www.outbackpower.com

FX & VFX Series Specifications

		Sealed Models			Vented Models		
		FX2012T	FX2524T	FX3048T	VFX2812	VFX3524	VFX3648
Nominal DC Input Voltage		12 VDC	24 VDC	48 VDC	12 VDC	24 VDC	48 VDC
Continuous Power Rating at 25°C (77°F)		2000 VA	2500 VA	3000 VA	2800 VA	3500 VA	3600 VA
AC Voltage/Frequency		120 VAC / 60 Hz	120 VAC / 60 Hz	120 VAC / 60 Hz	120 VAC / 60 Hz	120 VAC / 60 Hz	120 VAC / 60 Hz
Continuous AC RMS Output at 25°C (77°F)		17 Amps AC	20.8 Amps AC	25 Amps AC	23.3 Amps AC	29.2 Amps AC	30 Amps AC
Idle Power	Full	~ 20 Watts	~ 23 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%	93%	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	56 Amps AC	70 Amps AC	70 Amps AC	56 Amps AC	70 Amps AC	70 Amps AC
	RMS	40 Amps AC	50 Amps AC	50 Amps AC	40 Amps AC	50 Amps AC	50 Amps AC
AC Overload Capability	Surge	4800 VA	6000 VA	6000 VA	4800 VA	6000 VA	6000 VA
	5 Seconds	4000 VA	4800 VA	4800 VA	4000 VA	5000 VA	5000 VA
	30 Minutes	2500 VA	3200 VA	3200 VA	3200 VA	4000 VA	4000 VA
AC Input Current Maximum		60 Amps AC	60 Amps AC	60 Amps AC	60 Amps AC	60 Amps AC	60 Amps AC
AC Input Voltage Range (MATE Adjustable)		80 to 150 VAC	80 to 150 VAC	80 to 150 VAC	80 to 150 VAC	80 to 150 VAC	80 to 150 VAC
AC Input Frequency Range		55 to 65 Hz	55 to 65 Hz	55 to 65 Hz	55 to 65 Hz	55 to 65 Hz	55 to 65 Hz
DC Input Voltage Range		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
Continuous Battery Charger Output		80 Amps DC	55 Amps DC	35 Amps DC	125 Amps DC	82 Amps DC	45 Amps DC
Temperature Range	Rated	0 to 50°C (power derated above 25°C)			0 to 50°C (power derated above 25°C)		
	Maximum	-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)		
Certifications		ETL Listed to UL1741			ETL Listed to UL1741		
Warranty		Standard 5 year Warranty			Standard 5 year Warranty		
Weight	Unit	62 lbs (29 kg)			61 lbs (28 kg)		
	Shipping	67 lbs (30 kg)			67 lbs (30 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)		

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