



M-SERIES

Mobile/Marine True Sinewave Inverter/Charger

Sealed FX

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

Vented VFX

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



Vented VFX

Sealed FX



OutBack Power's M-Series inverter/chargers provide true sinewave power output, and intelligent battery charging. They are modularly expandable to your power needs providing a complete power conversion solution. They incorporate a DC to AC inverter, battery charger, and an AC transfer switch, which combines 30 amp pass through and neutral/ground switching.

All OutBack Power inverter/chargers produce virtually distortion free sinewave AC power for onboard electronics like sensitive home theater equipment and microwaves with minimal RF interference. Industry leading surge power starts heavy loads like air conditioning.

Power factor corrected battery charging gets the most out of your shore cord and generator while maximizing the life and performance of your batteries. Ultra fast AC transfer switch with neutral/ground switching seamlessly transfers shore cord current without dropping loads. Modular expandability is achieved through networked communications, allowing your inverter system to grow with your power consumption needs.

The OutBack Power M-Series inverter is the superior choice when you need a reliable, powerful, modular, and true sinewave inverter/charger.

OutBack
POWER™
member of The  Group™

www.outbackpower.com

M Series Specifications

	Sealed Models				Vented Models				
	FX2012MT	FX2524MT	FX2532MT	FX3048MT	VFX2812M	VFX3524M	VFX3232M	VFX3648M	
Nominal DC Input Voltage	12 Vdc	24 Vdc	32 Vdc	48 Vdc	12 Vdc	24 Vdc	32 Vdc	48 Vdc	
Continuous Power Rating at 25° C (77° F)	2000 VA	2500 VA	2500 VA	3000 VA	2800 VA	3500 VA	3200 VA	3600 VA	
AC Voltage/Frequency	120 Vac / 60 Hz				120 Vac / 60 Hz				
Continuous Aac RMS Output at 25° C (77° F)	17.0 Aac	20.8 Aac	20.8 Aac	25.0 Aac	23.3 Aac	29.2 Aac	26.6 Aac	30.0 Aac	
Idle Power	Full	~ 20 W	~ 20 W	~ 21 W	~ 23 W	~ 20 W	~ 20 W	~ 21 W	~ 23 W
	Search		~ 6 W				~ 6 W		
Typical Efficiency	90%	92%	92%	93%	90%	92%	92%	93%	
Total Harmonic Distortion	Typical	2%			2%				
	Maximum	5%			5%				
Output Voltage Regulation	± 2%				± 2%				
Maximum Output Current	Peak	56 Aac	70 Aac	56 Aac	70 Aac	56 Aac	70 Aac	56 Aac	70 Aac
	RMS	40 Aac	50 Aac	40 Aac	50 Aac	40 Aac	50 Aac	40 Aac	50 Aac
AC Overload Capability	Surge	4800 VA	6000 VA	4800 VA	6000 VA	4800 VA	6000 VA	4800 VA	6000 VA
	5 Second	4000 VA	4800 VA	4000 VA	4800 VA	4000 VA	5000 VA	4000 VA	5000 VA
	30 Minutes	2500 VA	3200 VA	2500 VA	3200 VA	3200 VA	4000 VA	4000 VA	4000 VA
AC Input Current Maximum	30 Aac				30 Aac				
AC Input Voltage Range (MATE Adjustable)	80 to 150 Vac				80 to 150 Vac				
AC Input Frequency Range	54 to 66 Hz				54 to 66 Hz				
DC Input Voltage Range	10.5 to 17.5 Vdc	21.0 to 34.0 Vdc	28.0 to 45.3 Vdc	42.0 to 68.0 Vdc	10.5 to 17.0 Vdc	21.0 to 34.0 Vdc	28.0 to 45.3 Vdc	42.0 to 68.0 Vdc	
Continuous Battery Charge Output	80 Adc	55 Adc	35 Adc	35 Adc	125 Adc	85 Adc	45 Adc	45 Adc	
Warranty	Standard 5 year Warranty				Standard 5 year Warranty				
Weight	Unit	62.6 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)				
Certifications	ETL Listed to UL458				ETL Listed to UL458				

*Specifications subject to change without notice

M-Series Inverter/Chargers are also available in 36 VDC sealed and vented models.

Available From:



Main Office:

5917 195th St. NE #7

Arlington, WA 98223 USA

Phone: (360) 435.6030

Fax: (360) 435.6019

www.outbackpower.com

