



M-Series

Mobile/Marine 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
- UL458 Certified

Vented VFX

- True Sinewave Output
- Intelligent Battery Charging
- Modular System Architecture
- High Operating Efficiency
- "Bug Proof" Chassis
- Corrosion Resistant Internal Components
- Field Serviceable
- Neutral/Ground Switching
- Integrated Network Communications
- Standard 5 Year Warranty
- UL458 Certified



Vented (VFX)



Sealed (FX)



OutBack Power's M-Series inverter/charger provides true sinewave power output and intelligent battery charging. The M-Series inverter/charger is modularly expandable to meet your power needs, providing a complete power conversion solution; it also incorporates 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. Change to: Industry leading surge power starts heavy loads like air conditioning or pumps.

Power factor corrected battery charging gets the most out of your shore power or generator while maximizing

the life and performance of your batteries. Ultra fast AC transfers switch, with neutral/ground switching, seamlessly transfers shore power 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/charger is the superior choice when you need a reliable, powerful, modular, and true sinewave inverter/charger.

M-Series Mobile/Marine Inverter/Charger Specifications

		Sealed Models					Vented Models				
		FX2012MT	FX2524MT	FX2532MT	FX2536MT	FX3048MT	VFX2812M	VFX3524M	VFX3232M	VFX3236M	VFX3648M
Nominal DC Input Voltage		12VDC	24VDC	32VDC	36VDC	48VDC	12VDC	24VDC	32VDC	36VDC	48VDC
Continuous Power Rating (@ 25°C)		2000VA	2500VA	2500VA	2500VA	3000VA	2800VA	3500VA	3200VA	3200VA	3600VA
AC Voltage/Frequency		120VAC/ 60Hz	120VAC/ 60Hz	120VAC/ 60Hz	120VAC/ 60Hz	120VAC/ 60Hz	120VAC/ 60Hz	120VAC/ 60Hz	120VAC/ 60Hz	120VAC/ 60Hz	120VAC/ 60Hz
Continuous AC RMS Output (@25°C)		17AAC	20.8AAC	20.8AAC	20.8AAC	25AAC	23.3AAC	29.2AAC	26.6AAC	26.6AAC	30AAC
Idle Power	Full	~20W	~20W	~21W	~21W	~23W	~20W	~20W	~21W	~21W	~23W
	Search	~6W	~6W	~6W	~6W	~6W	~6W	~6W	~6W	~6W	~6W
Typical Efficiency		90%	92%	92%	92%	93%	90%	92%	92%	92%	93%
Total Harmonic Distortion	Typical	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
	Maximum	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Output Voltage Regulation		±2%	±2%	±2%	±2%	±2%	±2%	±2%	±2%	±2%	±2%
Maximum Output Current	Peak	56AAC	70AAC	56AAC	56AAC	70AAC	56AAC	70AAC	56AAC	56AAC	70AAC
	RMS	40AAC	50AAC	40AAC	40AAC	50AAC	40AAC	50AAC	40AAC	40AAC	50AAC
AC Overload Capacity	Surge	4800VA	6000VA	4800VA	4800VA	6000VA	4800VA	6000VA	4800VA	4800VA	6000VA
	5 Sec	4000VA	4800VA	4000VA	4000VA	4800VA	4000VA	5000VA	4000VA	4000VA	5000VA
	30 Min	2500VA	3200VA	2500VA	2500VA	3200VA	3200VA	4000VA	4000VA	4000VA	4000VA
AC Input Current Maximum		30AAC	30AAC	30AAC	30AAC	30AAC	30AAC	30AAC	30AAC	30AAC	30AAC
AC Input Voltage Range (MATE Adjustable)		80 to 150VAC	80 to 150VAC	80 to 150VAC	80 to 150VAC	80 to 150VAC	80 to 150VAC	80 to 150VAC	80 to 150VAC	80 to 150VAC	80 to 150VAC
AC Input Frequency Range		54 to 66Hz	54 to 66Hz	54 to 66Hz	54 to 66Hz	54 to 66Hz	54 to 66Hz	54 to 66Hz	54 to 66Hz	54 to 66Hz	54 to 66Hz
Neutral-Ground Bond Switching		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DC Input Voltage Range		10.5 to 17VDC	21 to 34VDC	28 to 45.3VDC	31.5 to 51VDC	42 to 68VDC	10.5 to 17VDC	21 to 34VDC	28 to 45.3VDC	31.5 to 51VDC	42 to 68VDC
Continuous Battery Charger Output		80ADC	55ADC	35ADC	35ADC	35ADC	125ADC	85ADC	45ADC	45ADC	45ADC
Temperature Range	Rated Maximum*	0 to 50°C (power derated above 25°C) -25 to 60°C					0 to 50°C (power derated above 25°C) -25 to 60°C				
Certifications		EL Listed to UL458					EL Listed to UL458				
Warranty		Standard 5 year					Standard 5 year				
Weight	Unit Shipping	62lbs (29kg) 67lbs (31kg)					61lbs (28kg) 67lbs (31kg)				
Dimensions (H x W x L)	Unit	13 x 8.25 x 16.25" (33 x 21 x 41cm)					12 x 8.25 x 16.25" (30 x 21 x 41cm)				
	Shipping	21.75 x 13 x 22" (55 x 33 x 56cm)					21.75 x 13 x 22" (55 x 33 x 56cm)				

*Functions, but does not necessarily meet all component specifications.

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