

## FLEXpower FOUR FXR FULLY PRE-WIRED QUAD INVERTER SYSTEM

# Three Reasons to Choose the FLEXpower FOUR from OutBack Power:

## **1. ENGINEERED FOR RELIABILITY**

- Ideal for large split-phase applications: large homes, commercial, village power
- Available in sealed or vented units with die-cast aluminum chassis
- Extensive quality and reliability testing, including Highly Accelerated Life Testing (HALT)
- 15 years of experience manufacturing and improving products for fault-intolerant, mission-critical applications
- Standard 5 year warranty (extended 10 year warranty available)

## 2. DESIGNED FOR FLEXIBILITY

- Available in two models for 120VAC or 240VAC applications
- Seven different programmable operational modes, with generator assist
- Advanced Battery Charging (ABC) programmability
- GridZero operating mode minimizes grid dependence in areas where incentives are changing and utility sell-back is limited
- Sinewave output in 12V, 24V or 48V versions with a typical operating efficiency up to 93%, field selectable 50Hz/60Hz
- Sealed models available for operating in harsh environments

 Sealed Models: 9200VA or12,000VA Vented Models: 12,000VA, 14,4000VA

## 3. EASY-TO-INSTALL AND MAINTAIN

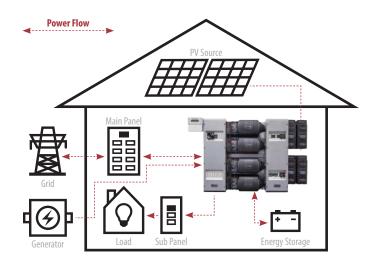
### Factory tested, pre-wired and pre-configured

- Fast installation—just hang on the wall with included bracket and make all necessary connections
- Field-serviceable modular design and global technical support
- Monitor, command and control from any internet-connected device with OPTICS RE



## OutBack FLEXpower FOUR Typical System

**Integration** (w/ 4 FXR/VFXR Inverter/Chargers):



## OUTBACK POWER—MASTERS OF THE OFF-GRID. FIRST CHOICE FOR THE NEW GRID.



MAKE THE POWER

FLEXpower Integrated Systems

Inverter/Chargers & Charge Controllers



## STORE THE ENERGY

• EnergyCell RE, GH, NC and OPzV Batteries • Battery Enclosures and Racking



## MANAGE THE SYSTEM

OPTICS RE System Monitoring and Control
MATE3 System Display and Communications

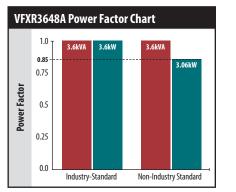
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## FLEXpower FOUR SPECIFICATIONS

Details	FLEXpower FOUR FXR
Finished Dimensions H x W x D (in/cm)	46.0 x 58.425 x 13.0 / 116.84 x 148.40 x 33.02
Weight (lb/kg)	500/226

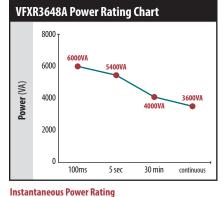
\*FLEXpower FOUR FXR systems include a mounting bracket, four FXR/VFXR inverter/chargers, four FLEXmax charge controllers, MATE3, HUB10.3, FLEXnet DC, FLEXware surge protector, AC and DC wiring boxes, battery and PV array breakers, PV GFDI, Input-Output-Bypass assembly, mounting locations for GFCI outlets and additional AC breakers. Additional configurations available. \*\* Overcurrent protective device.

Description FW-X240 Charge Controller Inverter OCPD\* PV OCPD' RTS **For North America Inverter**(s) Bypass **FP4 FXR3048A** Quad FXR3048A, 12.0kW FLEXpower FOUR FXR3048A (x4) Yes 240VAC Bypass FLEXmax 80 (4x) 175A 80A Yes FP4 VFXR3648A Quad VFXR3648A, 14.4kW FLEXpower FOUR VFXR3648A (x4) Yes 240VAC Bypass FLEXmax 80 (4x) 175A 80A Yes



#### **Power Rating Notes**

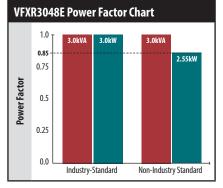
Inverters that specify power in VA but do not use the unity standard Power Factor (PF) could have misleading power specifications. Volt-Amps (VA) is a total inverter output, while Watts (W) represent the power consumed by the electrical loads. PF, which varies by types of loads, is the ratio of W to VA, and the difference between the two is power in the circuit that does no useful work. At 1.0PF (unity), all power is used. This is the industry-standard used by OutBack Power.



Most stringent, massive load start VFXR3648A: 6000VA Surge Power Rating Less stringent load start VFXR3648A: 5400VA Peak Power Rating Frequent "heavy duty" load requirements VFXR3648A: 4000VA Continuous Power Rating Sustained "real world" load requirements VFXR3648A: 3600VA VFXR3648A Efficiency Rating Chart 100% 93% (Typical) 91% (CEC) 90% 80% 70% 60% Efficiency 50% 40% 30% 20% 10% 0% 1kVA 2kVA 3kVA 4kVA INVERTING SELLING

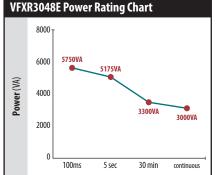
Typical Efficiency Rating Real world efficiency with variable loads VFXR3648A: 93% CEC Efficiency Rating Most stringent US rating VFXR3648A: 91%

For Europe	Description	Inverter(s)	FW-X240	Bypass	Charge Controller	Inverter OCPD**	PV OCPD**	RTS
FP4 VFXR3048E	Quad VFXR3048E, 12.0kW FLEXpower FOUR	VFXR3048E (x4)	—	240VAC Bypass	FLEXmax 80 (4x)	175A	80A	Yes
FP4 FXR2348E	Quad FXR2348E, 9.2kW FLEXpower FOUR	FXR2348E (x4)	—	240VAC Bypass	FLEXmax 80 (4x)	175A	80A	Yes
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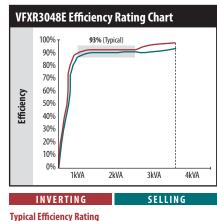


Less stringent load start VFXR3048E: 5175VA

Peak Power Rating

Frequent "heavy duty" load requirements VFXR3048E: 3300VA Continuous Power Rating

Sustained "real world" load requirements VFXR3048E: 3000VA



Real world efficiency with variable loads VFXR3048E: 93%