FLEXpower THREE FXR

FULLY PRE-WIRED TRIPLE INVERTER SYSTEM

Three Reasons to Choose the FLEXpower THREE from OutBack Power:

1. ENGINEERED FOR RELIABILITY

- **Ideal for three-phase applications**: larger homes, farm and agriculture, small businesses
- 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)

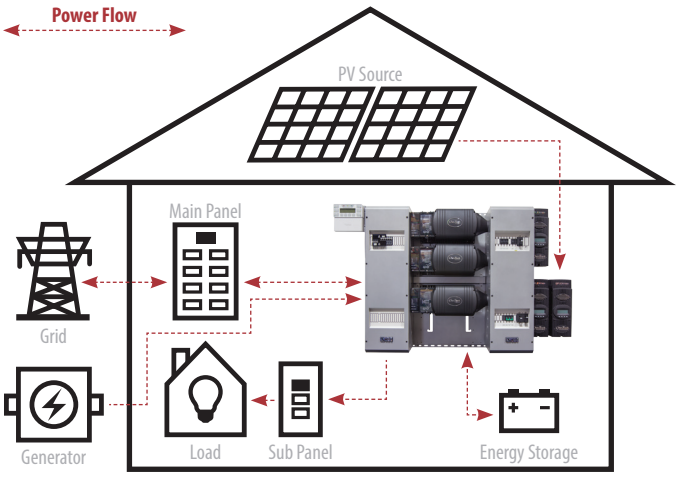
2. DESIGNED FOR FLEXIBILITY

- **Available in two models** for 120VAC or 208VAC 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**: 6000VA or 9000VA
  Vented Models: 9000VA, 10,3000VA

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 THREE Typical System Integration (w/ 3 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

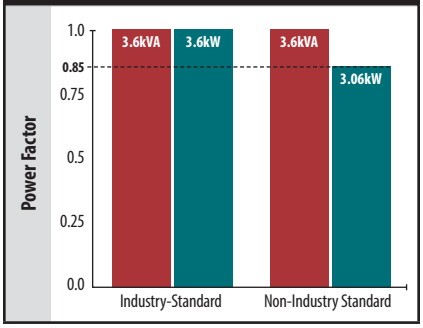
- OPTICS RE System Monitoring and Control
- MATE3 System Display and Communications

Details	FLEXpower THREE 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)	433 / 196

*FLEXpower THREE FXR systems include a mounting bracket, three FXR/VFXR inverter/chargers, three 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.
** Overcurrent protective device.

For North America	Description	Inverter(s)	FW-X240	Bypass	Charge Controller	Inverter OCPD**	PV OCPD**	RTS
FP3 FXR3048A	Triple FXR3048A 9.0kW FLEXpower THREE	FXR3048A (3x)	—	208VAC Bypass	FLEXmax 80 (3x)	175A	80A	Yes
FP3 VFXR3648A	Triple VFXR3648A, 10.3kW FLEXpower THREE	VFXR3648A (3x)	—	208VAC Bypass	FLEXmax 80 (3x)	175A	80A	Yes

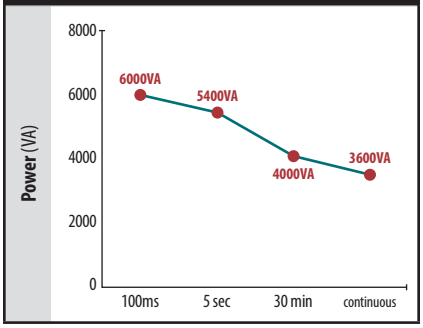
VFXR3648A Power Factor Chart



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.

VFXR3648A Power Rating Chart



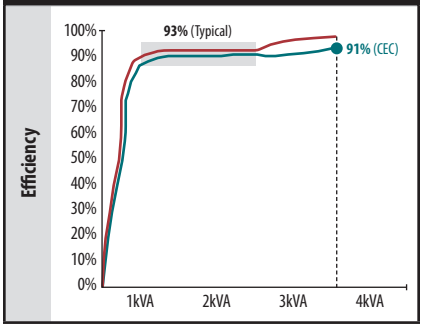
Instantaneous Power Rating
Most stringent, massive load start **VFXR3648A**: 6000VA

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



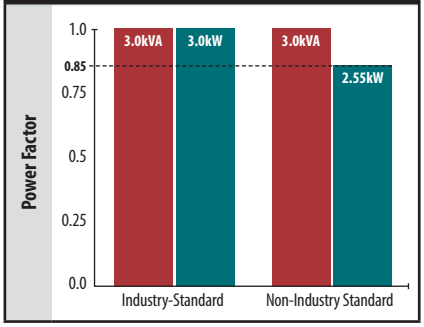
INVERTING SELLING

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
FP3 VFXR3048E	Triple VFXR3048E 9.0kW FLEXpower THREE	VFXR3048E (3x)	—	240VAC Bypass	FLEXmax 80 (3x)	175A	80A	Yes
FP3 VFXR3024E	Triple VFXR3024E 9.0kW FLEXpower THREE	VFXR3024E (3x)	—	240VAC Bypass	FLEXmax 80 (3x)	250A	80A	Yes
FP3 FXR2024E	Triple FXR2024E 6.0kW FLEXpower THREE	FXR2024E (3x)	—	240VAC Bypass	FLEXmax 80 (3x)	175A	80A	Yes

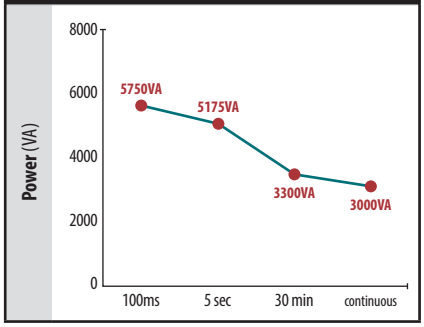
VFXR3048E Power Factor Chart



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.

VFXR3048E Power Rating Chart



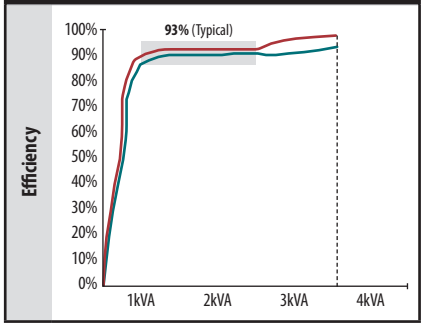
Instantaneous Power Rating
Most stringent, massive load start **VFXR3048E**: 5750VA

Surge Power Rating
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

VFXR3048E Efficiency Rating Chart



INVERTING SELLING

Typical Efficiency Rating
Real world efficiency with variable loads **VFXR3048E**: 93%