FLEXpower TWO FXR

FULLY PRE-WIRED DUAL INVERTER SYSTEM

Three Reasons to Choose the FLEXpower TWO from OutBack Power:

1. ENGINEERED FOR RELIABILITY

- **Ideal for full-size solutions**: homes, farms, small businesses, backup 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)

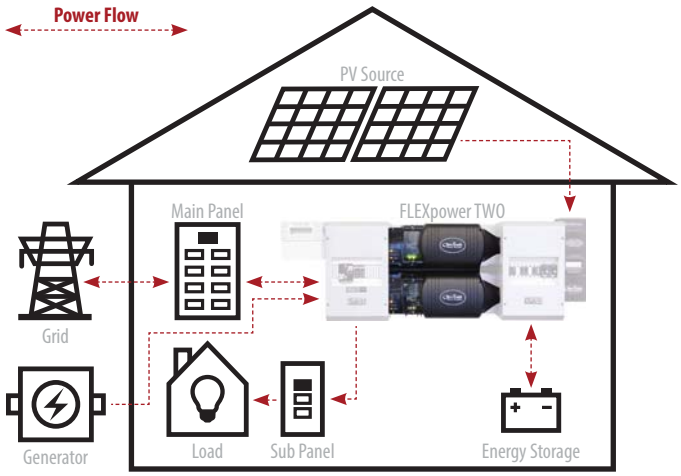
2. DESIGNED FOR FLEXIBILITY

- **Available in seven models** for 120VAC or 230VAC 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**: 5000VA or 6000VA
  Vented Models: 6000VA, 7000VA or 7200VA

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 TWO Typical System Integration (w/ 2 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

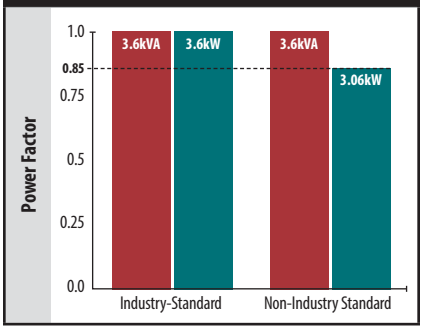
- OPTICS RE System Monitoring and Control
- MATE3 System Display and Communications

Details	FLEXpower TWO FXR
Finished Dimensions H x W x D (in/cm)	20.25 x 46.5 x 13.0 / 51 x 118 x 33
Weight (lb/kg)	256 / 116

*FLEXpower TWO FXR systems include a mounting bracket, two FXR/VFXR inverter/chargers, two 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.

For North America	Description	Inverter(s)	FW-X240	Bypass	Outlet	Inverter OCPD**	PV OCPD**	RTS
FP2 VFXR3524A	Dual VFXR3524A, 7.0kW FLEXpower TWO	VFXR3524A (x2)	—	240VAC Bypass	—	250A	80A	Yes
FP2 VFXR3648A	Dual VFXR3648A, 7.2kW FLEXpower TWO	VFXR3648A (x2)	—	240VAC Bypass	—	175A	80A	Yes
FP2 FXR3048A	Dual FXR3048A, 6.0kW FLEXpower TWO	FXR3048A (x2)	—	240VAC Bypass	—	250A	80A	Yes
FP2 FXR2524A	Dual FXR2524A, 5.0kW FLEXpower TWO	FXR2524A (x2)	—	240VAC Bypass	—	175A	80A	Yes

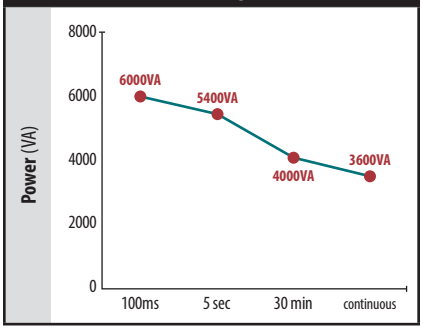
VFXR3648A Power Factor Chart



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



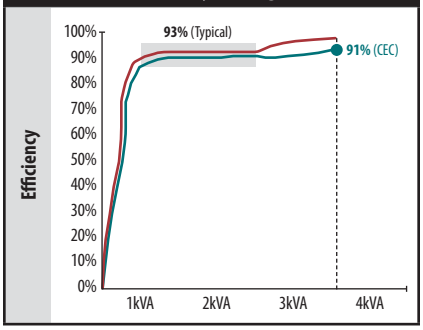
Instantaneous Power Rating
Most stringent, massive load start **VFXR3648A**: 6200VA

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



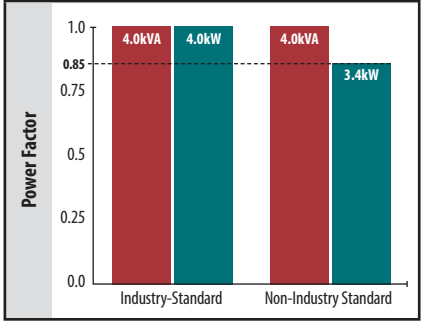
INVERTING SELLING

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	Outlet	Inverter OCPD**	PV OCPD**	RTS
FP2 VFXR3024E	Dual VFXR3024E, 6.0kW FLEXpower TWO	VFXR3024E (x2)	—	230VAC Bypass	—	175A	80A	Yes
FP2 VFXR3048E	Dual VFXR3048E, 6.0kW FLEXpower TWO	VFXR3048E (x2)	—	230VAC Bypass	—	250A	80A	Yes

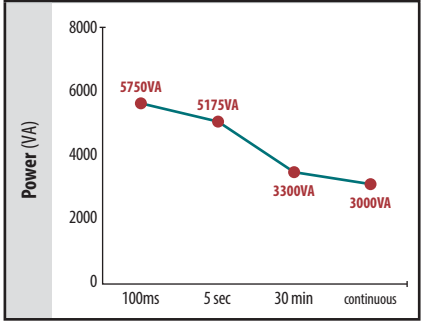
VFXR3048E Power Factor Chart



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



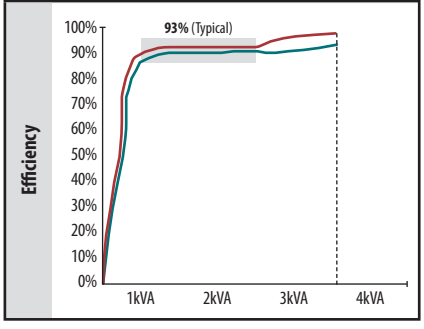
Instantaneous Power Rating
Most stringent, massive load start **VFXR3048E**: 5750VA

Surge Power Rating
Less stringent load start **VFXR3048E**: 5175VA

Peak Power Rating
Frequent "heavy duty" load requirements **VFXR3048E**: 3100VA

Continuous Power Rating
Sustained "real world" load requirements **VFXR3048E**: 2300VA

VFXR3048E Efficiency Rating Chart



INVERTING SELLING

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