



# FLEXpower™ ONE FXR

Fully Pre-Wired Single Inverter System



- Factory tested, pre-wired and pre-configured systems
- Fast installation—just hang on the wall with the bracket (included) and make connections
- Off-grid and grid-tied functionality in one flexible system
- Powerful system in a compact, space-saving footprint
- Field-upgradable software
- Ample AC and DC breaker provisions
- GridZero technology effectively lets users “zero out” the utility grid if enough renewables are present, reducing or even eliminating grid dependence
- Advanced Battery Charging (ABC) supports a wide range of battery technologies including lithium-ion
- All components carry necessary ETL certifications

## OutBack's pre-assembled and pre-wired FLEXpower systems are now equipped with the updated FXR Series Grid/Hybrid inverterchargers.

This means that the most advanced Grid/Hybrid inverter features are now available on the industry's most trusted and proven systems platform, for unmatched flexibility and value. The FLEXpower ONE FXR is available in six models for 120VAC or 230VAC applications ranging from 2500W to 3600W and are field selectable for 50Hz or 60Hz. Each system is field upgradable to eliminate downtime during critical updates, features seven programmable operating modes including GridZero and Advanced Battery Charging and offers remote monitoring and control through any internet enabled device with OPTICS RE.

The FLEXpower ONE is ideal for residential and commercial applications including cabins, vacation homes, farm buildings, remote communications sites and back-up power systems, with all necessary components integrated into a compact hang-on-the-wall system with a minimal footprint.

# FLEXpower ONE FXR Specifications\*

10/2016

For 120VAC, 50/60Hz Applications		Description	Inverter(s)	FW-X240	Bypass	Outlet	Inverter OCPD**	PV OCPD**	RTS
FP1 FXR2524A	FXR2524A, 2.5kW FLEXpower ONE	FXR2524A	—	120VAC Bypass	NEMA 5-20R	250A	80A	Yes	
FP1 VFXR3524A	VFXR3524A, 3.5kW FLEXpower ONE	VFXR3524A	—	120VAC Bypass	NEMA 5-20R	250A	80A	Yes	
FP1 FXR3048A	FXR3048A, 3.0kW FLEXpower ONE	FXR3048A	—	120VAC Bypass	NEMA 5-20R	175A	80A	Yes	
FP1 VFXR3648A	VFXR3648A, 3.6kW FLEXpower ONE	VFXR3648A	—	120VAC Bypass	NEMA 5-20R	175A	80A	Yes	

For 230VAC, 50/60Hz Applications		Description	Inverter(s)	FW-X240	Bypass	Outlet	Inverter OCPD**	PV OCPD**	RTS
FP1 VFXR3024E	VFXR3024E, 3.0kW FLEXpower ONE	VFXR3024E	—	230VAC Bypass	—	250A	80A	Yes	
FP1 VFXR3048E	VFXR3048E, 3.0kW FLEXpower ONE	VFXR3048E	—	230VAC Bypass	—	175A	80A	Yes	

Details		FLEXpower ONE FXR							
Finished Dimensions H x W x D (in/cm)	33.5 x 19.25 x 13.0 / 85 x 50 x 33								
Weight (lb/kg)	98 / 44.5								

\*FLEXpower ONE FXR systems include a mounting bracket, FXR/VFXR inverter/charger, FLEXmax charge controller, 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.

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