

FLEXware Surge Protector



Description

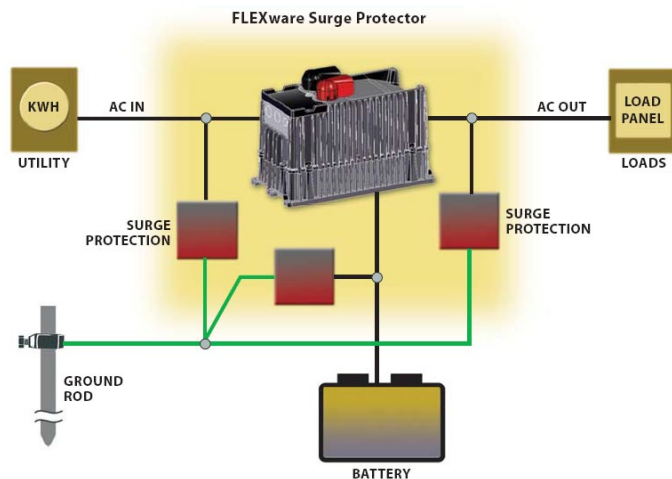
The OutBack Power Systems FLEXware Surge Protector is the newest seamlessly integrated balance-of-system component for the FX Series Inverter/Charger. The FLEXware Surge Protector was designed by OutBack engineers specifically for OutBack FX Series Inverter/Chargers, and provides multiple levels of protection for the vital electrical components of the Inverter/Charger in the event of an electrical surge or nearby lightning strike. The sophisticated design allows for both AC and DC protection on multiple circuits (two AC and one DC) via thermally fused Metal Oxide Varistors (MOVs). LED visual indicators provide at-a-glance status monitoring allowing system users to determine FLEXware Surge Protector operational status in real-time. The FLEXware Surge Protector is designed to operate between 120-240 VAC at 50/60 Hz and 12-48 VDC. Its

multiple mounting configurations allow it to be incorporated into any OutBack system. The FW-SP-ACA mounts inside the FW-ACA (AC Conduit Adapter) for FLEXware 500 and 1000 systems, while the FW-SP-250 is designed to mount inside the FLEXware 250 AC Side Breaker Enclosure allowing for quick installations that keep your system protected and looking great.

The OutBack Power Systems FLEXware Surge Protector is the only choice when you want to protect your FX Series Inverter/Charger from the harmful effects of transient power surges. Ease of installation and seamless integration make it the obvious addition to your OutBack system.

Benefits

- Affordable, "All-In-One", AC Input, AC Output and DC Surge Protection
- Easy to Install/Seamless Integration with FLEXware
- At-A-Glance Visual Verification Protection Level
- Engineered and Manufactured by OutBack Power Systems
- Designed Specifically for FX Series Inverter/Chargers



Specifications (Specifications Subject to Change Without Notice)

| | FW-SP-ACA | FW-SP-250 | FW-SP-R |
|--------------------------------------|-------------------------|--------------------------|--|
| Nominal Voltage | 120-240VAC/12-48VDC | 120-240VAC/12-48VDC | 120-240VAC/12-48VDC |
| Voltage Protection Level | 390VAC/150VDC | 390VAC/150VDC | 390VAC/150VDC |
| AC or DC | AC/DC | AC/DC | AC/DC |
| Maximum Surge Current (8/20 μ s) | 30kA per circuit | 30kA per circuit | 30kA per circuit |
| Energy Rating | 2500 joules | 2500 joules | 2500 joules |
| Frequency | 50/60 Hz | 50/60 Hz | 50/60 Hz |
| Protection Type | Thermally Fused MOV | Thermally Fused MOV | Thermally Fused MOV |
| Number of Protected Circuits | 2 AC/1 DC | 2 AC/1 DC | 2 AC/1 DC |
| Mounting | FW-ACA | FW-250 | Replacement Board (FW-SP-ACA, FW-SP-250) |
| Weight | 0.57 kg | 0.52 kg | 0.21 kg |
| Dimensions (H x W x L) | 21.59 x 17.15 x 6.35 cm | 13.97 x 16.51 x 19.05 cm | 19.69 x 13.97 x 3.81 cm |

Available from:

RIPEnergy

The power conversion company

RIPEnergy AG
Talstrasse 2
CH-8702 Zollikon
Switzerland

Ph +41-(0)43-818 53 85
Fax +41-(0)43-818 53 87
www.ripenergy.ch