

OutBack Power System FLEXpower ONE

The new FLEXpower ONE System accommodates all of the essential protective devices in the smallest possible space at the lowest installed cost making it ideal for applications with modest power requirements such as cabins, chalets, homes, remote communication sites and back-up power systems. Utilizing an extremely compact design and an easy-to-install mounting bracket, the fully pre-wired and factory tested FLEXpower ONE System is designed for a quick installation, saving both time and money.

FLEXpower ONE includes a single inverter, AC and DC wiring boxes, a single FLEXmax Charge Controller, MATE, HUB, FLEXnet DC and Surge Protector while maintaining a small system footprint. The FLEXpower ONE System is also equipped with battery and PV array breakers, a PV GFDI breaker, an Input-Output-Bypass Assembly, mounting locations for both AC GFCI Type B and EU Type F style outlets and additional AC breakers. FLEXpower ONE components carry all of the necessary ETL Certifications allowing for a code compliant installation that saves both time and money while still looking great.

The OutBack Power FLEXpower ONE System is the only choice when you need a fully integrated, true sinewave, reliable power system.

[Backup Single System Outback Flexpower One 3 kVA/24 V](#)

[Backup Single System Outback Flexpower One 3kVA/48V](#)

System Outback Flexpower One 3kVA/24 V



OutBack Power System FLEXware 500

OutBack FLEXmax MPPT Charge Controller

OutBack Power offers compact enclosures for all the AC and DC components of a renewable energy power conversion system. The FLEXware 500 series saves time, money and space by combining the disconnects, over-current protection devices and control components into easy-to-install enclosures. Capable of supporting one or two OutBack FX/VFX series inverter/chargers, up to three MX60 charge controllers, a MATE system controller and all the associated AC and DC components. The OutBack FLEXware 500 series can be fully customized to your application and ordered pre-wired or as individual components for field assembly. The following chart is just for example. There are a lot more possibilities for OutBack Systems in 12, 24 and 48 V, with or without solar.

OutBack accessories

- Backup System Outback 2 kVA/12 V
- Backup System Outback 2 kVA/24 V
- Backup System Outback 3 kVA/24 V
- Backup System Outback 3 kVA/48 V
- Backup System Outback 4 kVA/24 V
- Backup System Outback 5 kVA/12 V
- Backup System Outback 6 kVA/24 V
- Backup System Outback 6 kVA/48 V

Backup System Outback 2 kVA/12 V



OutBack Power System FLEXware 1000

The FLEXware 1000 series is the ideal AC and DC enclosure system for medium to large size renewable energy power conversion systems. The FLEXware is comprised of two compact enclosures for all of your systems AC and DC components. It saves time, money and space by combining disconnects, over-current protection devices and control components into easy-to-install enclosures. The FLEXware 1000 is capable of supporting up to four OutBack FX/VFX series inverter/chargers, six MX60 charge controllers, a MATE system controller and all the required AC and DC components and wiring. The OutBack FLEXware 1000 system can be fully customized to your application and ordered pre-wired or as individual components for field assembly. It is also available as a 3-Phase system. Three inverter/chargers can be configured to provide 120/208 VAC or 230/400 VAC four wire "Wye/ Star" three phase AC power. An inverter/charger is used to power each of the three legs for 3-phase AC power. The loads on each of the inverters does not need to be kept balanced, each phase is independently voltage regulated. The following chart is just for example. There are a lot more possibilities for OutBack Systems in 12, 24 and 48 V, with or without solar.

- Backup System Outback 9 kVA/24 V
- Backup System Outback 9 kVA/48 V
- Backup System Outback 12 kVA/48 V
- Backup System Outback 6 kVA/24 V 3-Phase
- Backup System Outback 9 kVA/24 V 3-Phase
- Backup System Outback 9 kVA/48 V 3-Phase

Backup System Outback 9kVA/24 V



OutBack FX Inverter / Charger Series

The OutBack FX series is a modular "building block" sine wave inverter/charger that can be used for both small and large power systems. Each FX inverter/charger is a complete power conversion system - DC to AC inverter, battery charger and AC transfer switch. The FX series is also available in a version with 230 VAC, 50 hz output that can be connected in parallel (230 VAC) or in three phase (230Y400 VAC) configurations. Our unique sealed, gasketed die-cast aluminum chassis protects and keeps the power conversion components cool - without requiring outside air to be blown through the sensitive electronics. The FX can be used in high ambient applications up to 60°C with reduced output ratings. It is designed to operate as a coordinated system with the other OutBack products.

- Inverter / Charger Outback FX 2012ET
- Inverter / Charger Outback FX 2024ET
- Inverter / Charger Outback FX 2348ET
- Inverter / Charger Outback FX 2012T
- Inverter / Charger Outback FX 2524T

Inverter / Charger Outback FX 2012ET



OutBack VFX Inverter / Charger Series

The OutBack VFX series is a ventilated version of the original sealed FX series modular "building block" sine wave inverter/charger that can be used for both small and large power systems. By allowing cooler outside airflow through the internal electronics, more AC power is available. Additional FX inverter/chargers can be connected at any time in either parallel (120 VAC), series (120/240 VAC), or three-phase (120Y208 VAC) configurations. The VFX series is also available in a version with 230 VAC, 50 hz output that can be connected in parallel (230 VAC) or in three phase (230Y400 VAC) configurations. The VFX is designed to survive harsh environments around the world. The VFX can be used up to 60°C (reduced output ratings). It is designed to operate as a coordinated system with the other OutBack products.

- Inverter / Charger Outback VFX 2612E
- Inverter / Charger Outback VFX 3024E
- Inverter / Charger Outback VFX 3048E
- Inverter / Charger Outback VFX 2812
- Inverter / Charger Outback VFX 3524
- Inverter / Charger Outback VFX 3648

Inverter / Charger Outback VFX 2612E

