

# A SYSTEM APPROACH

EXPERIENCE SINGLE-BRAND SIMPLICITY WITH OUTBACK POWER



# A System Approach > Single-Brand Simplicity

## SYSTEM: AN ORDERED ASSEMBLAGE OR COMBINATION OF PARTS FORMING A COMPLEX AND COMPREHENSIVE WHOLE

At OutBack Power, our focus is on creating a comprehensive whole—**complete renewable energy systems with energy storage, without the complexity.** That's why every OutBack component and battery is engineered to work with every other—seamlessly and easily.



## 1 OutBack FLEXpower Integrated System

Factory pre-built, pre-wired and pre-tested, the FLEXpower family is designed for simplicity and ease of installation. Each FLEXpower Radian includes:

- > Radian Series Inverter/Charger and GS Load Center
- > FLEXmax 80 Charge Controller(s)
- > MATE3 System Display
- > FLEXnet DC System Monitor
- > AC and DC Wiring Boxes
- > Surge Protector
- > Battery and PV Array Breakers
- > GFDI and Input-Output Bypass

## 2 OutBack Energy Storage

From batteries to pre-assembled and pre-wired racks and enclosures, OutBack has an energy storage solution for virtually any application.

- > **Front Terminal Batteries:** EnergyCell RE, GH and NC
- > **Top Terminal Batteries:** EnergyCell RE and NC
- > **High Capacity Battery Banks:** EnergyCell RE, NC and OPzV
- > **Housing:** Integrated Battery Racks, Indoor/Outdoor Enclosures

## 3 OPTICS RE Monitoring and Control

OPTICS RE is included as part of every OutBack FLEXpower system, giving owners total control over how renewable energy is generated, stored and consumed.

- > Access from Any Internet-Connected Device
- > Control Over 600 Parameters
- > Monitor Energy Consumption
- > Receive Email Alerts & Notifications



# The Choice is Yours

## ➤ Select a SystemEdge Package

SystemEdge pre-bundled packages combine OutBack's most popular FLEXpower and energy storage configurations. Every SystemEdge package includes a FLEXpower Radian, EnergyCell batteries and housing, FLEXware ICS combiner box and all necessary connection hardware.

Or

## ➤ Configure Your Own Solution

Choose an OutBack FLEXpower system, match it with your choice of EnergyCell batteries, housing and FLEXware ICS PV combiner box. Have confidence knowing all OutBack system components are optimized to work together.

# 100kWh Package



FOR GRID-TIED PSOC APPLICATIONS



**SystemEdge-8100NC:** 8kW FLEXpower Radian, (1) EnergyCell 2200NC High Capacity Battery Bank, (2) FLEXware ICS PV Combiner Boxes and OPTICS RE System Monitoring and Control

**Greatly Reduced Installation Time**—Every FLEXpower System and battery rack comes factory pre-assembled and pre-wired, saving valuable time during installation.



**Multiple Configurations**—Combine any FLEXpower System with any energy storage option to meet the specific energy requirements of virtually any scenario.





# 30kWh Packages



FOR OFF-GRID DEEP CYCLE APPLICATIONS



**SystemEdge-830RE:** 8kW FLEXpower Radian, (12) EnergyCell RE Front Terminal Batteries, (1) IBR-3, (2) FLEXware ICS PV Combiner Boxes and OPTICS RE System Monitoring and Control



FOR GRID-TIED PSOC APPLICATIONS



**SystemEdge-830NC:** 8kW FLEXpower Radian, (12) EnergyCell NC Front Terminal Batteries, (1) IBR-3, (2) FLEXware ICS PV Combiner Boxes and OPTICS RE System Monitoring and Control

**UL-1741 Listed**—When used with OutBack power electronics and energy storage, the FLEXware ICS Plus PV combiner and rapid shutdown completes a single-brand UL and NEC compliant system.



**Advanced Technology**—Ideal for Partial State of Charge applications like self-consumption and energy arbitrage, EnergyCell NC batteries represent the latest in nano-carbon technology.



# 20kWh Packages



FOR OFF-GRID DEEP CYCLE APPLICATIONS



**SystemEdge-420RE:** 4kW FLEXpower Radian, (8) EnergyCell RE Front Terminal Batteries, (1) IBR-2, (1) FLEXware ICS PV Combiner Box and OPTICS RE System Monitoring and Control



FOR GRID-TIED PSOC APPLICATIONS



**SystemEdge-420NC:** 4kW FLEXpower Radian, (8) EnergyCell NC Front Terminal Batteries, (1) IBR-2, (1) FLEXware ICS PV Combiner Box and OPTICS RE System Monitoring and Control

**System Monitoring and Control**—OPTICS RE gives users complete and comprehensive control over their OutBack system from any internet-connected device.



**Single SKU Ordering**—OutBack has bundled our most popular FLEXpower plus energy storage combinations to create single SKU SystemEdge packages, one part number covers everything.



# OutBack POWER™

member of The  Group™

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