

## POWER SYSTEM AC

OutBack Power Systems has developed a single box solution for all of the AC components of a renewable energy system.

The PSAC saves time, money and space by combining all of the disconnects, overcurrent protection, grounding and transformer components into an easy to install, single enclosure.

The PSAC is easily modified and expanded as your system grows or changes.



### Standard Features and Components

- ETL listed indoor type powdercoated steel enclosure
- Dual snap-in DIN rail type mounting brackets for up to sixteen AC circuit breakers – 15, 20, 25, 30 or 60 amps
- Available with or without a 30 or 60 amp 120 VAC or 120/240 VAC input/output/bypass disconnect breakers with interlock safety switch to allow AC loads to be powered from the utility or generator even if the inverter/charger is removed from the system for servicing or repair – also available as a kit for easy field installation or upgrading
- Ground terminal bus bar
- Isolated neutral terminal bus bar
- Hot terminal bus bar for connecting additional AC load circuits
- Designed to mount directly to the AC end of one or two SW or DR series inverters (Also is easily connected via conduit or raceway to other inverter models)
- Plenty of room for additional current sensors and control relays for advanced system designs

*One box  
meets  
ALL  
your  
AC  
safety  
and  
control  
needs*

### Optional Components

- Additional 30 or 60 amp input/output/bypass disconnects for a second inverter/charger
- Additional AC input or output breakers for back-up generator or AC loads – 15, 20, 30 or 60 amp
- X-240 - 4 kW step-up/step-down/generator balancing autotransformer
- X-Fan - AC cooling fan to increase the autotransformer rating to 6 kW or to ensure efficient operation during high temperature conditions
- VREA - Adapter plate for direct connection of a PSAC to a Vanner RE inverter/charger
- PSA - Adapter plate for direct connection of a PSAC to a PS series inverter/charger

### Physical Dimensions

- PSAC enclosure: 10.5" wide x 9" deep x 32.5" tall (26.6cm x 22.8cm x 82.5cm)
- Shipping size: 12.75" x 36" x 13.75" Weight (without options): 32 pounds (14.5 kG)