

POWER SYSTEM DC

OutBack Power Systems has developed a new solution for all of the DC components of a renewable energy power conversion system.

The PSDC saves time, money and space by combining the disconnects, overcurrent protection devices, grounding and control components into an easy to install, single enclosure.

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



Standard Features and Components

- ETL listed indoor type powdercoated steel enclosure with plenty of conduit knockouts
- Mounting space for up to four large 1.5" wide 175 or 250 amp or six medium 1.0" wide 60 to 100 amp breakers – sizes can be mixed
- Ten spaces for small 0.75" wide 15, 30 or 60 amp breakers and **OBDC-GFP/2** (uses 3 spaces)
- 500 amp 50 mV current shunt standard
- Battery negative/ground bus bar standard
- Battery positive bus bar for DC loads and PV arrays included standard
- Designed to mount directly to the DC end of 1 or 2 Trace DR or SW series inverters without needing additional conduit boxes or fittings
- Easily connected to other inverter models and enclosures via conduit or raceway
- Knockouts on top for two RVPP Solar Boost or three C-series controllers
- Available with or without the circuit breakers and other options pre-installed
- For negative or positive ground systems

Finally
an
alternative
to
Brand
X

Optional Components

- **15, 30, 60, 100, 175 & 250 amp DC rated breakers** for DC inputs/loads and power inverters
- **OBDC-GFP/2** - Dual 60 amp PV ground fault protection system for two PV charge controller. Multiple DC-GFP/2 can be used on the same system – up to four can be installed in a PSDC
- **CCB** - Charge controller bracket for up to three additional C-series controllers on either side
- **TBB** – Insulated terminal bus bar kit for combining or distributing multiple circuits
- **GBB** - Ground bus bar kit for isolating the negative from ground (included with GFP/2 system).
- **VREA** - Adapter plates for direct connection of a PSDC to one Vanner RE inverter/charger
- **PSA** – Adapter plate for direct connection of a PSDC to one PS series inverter/charger
- **MP** - Mounting Plate for assembling a complete power system – 36" wide x 50" wide x 1" thick - for one PSDC, one PSAC and one or two inverter/chargers – split design to allow UPS shipping

Physical Dimensions

- **PSDC enclosure:** 16" wide x 9" deep x 32.5" tall (40.6cm x 22.8cm x 82.5cm)
- **Shipping size:** 12.75" x 36" x 19.5" Weight: 38 pounds (17.3 kG) + options