

Backup Power Center



MNBE - C



MNBE-B

The “C” enclosure has three shelves. The top shelf comes pre-wired similar to the following sample images
NOTE: Wiring and breaker configuration pictures shown are for examples. The Backup Power systems delivered are customer specific and wiring configuration depends on final specifications of individual project. IE: System with optional solar added will have controller.



(Sample) Magnum modified inverter (sample) installed in the “C” system enclosure.



The AC wiring shown here is pre-installed and all field wiring terminals labeled. This particular system has a charge controller that has been added.

Eight 200 watt hour batteries have about 7,680 watt hours of useful 80% depth of discharge power. 7,680 WH will run a 500 watt load for 15 hours.

Features and components included:

- Gray texture powder coated enclosures
- GFCI outlet, wired with 15 amp breaker
- CBI breakers: All breakers are hydraulic / magnetic and do not need to be derated for 80% of rating.
- 175 or 250 amp breaker mounted.
- AC ground bus bar
- AC input and output terminal blocks for field wiring connections
- AC breakers wired with 8AWG wire.
- Bus bar on battery disconnect breaker for connecting two parallel strings of batteries
- 500 amp/50mV shunt for connection of battery and inverter negatives with bat negative busbar.
- Long bolt on shunt to accommodate multiple lugs
- Keyed lock supplied for door keeps unauthorized people out
- Dual hinged doors with recessed handle on right hand door.
- 2" side knock outs to accommodate additional battery enclosures side by side

