

EB12D Generator AC Receptacle Selection

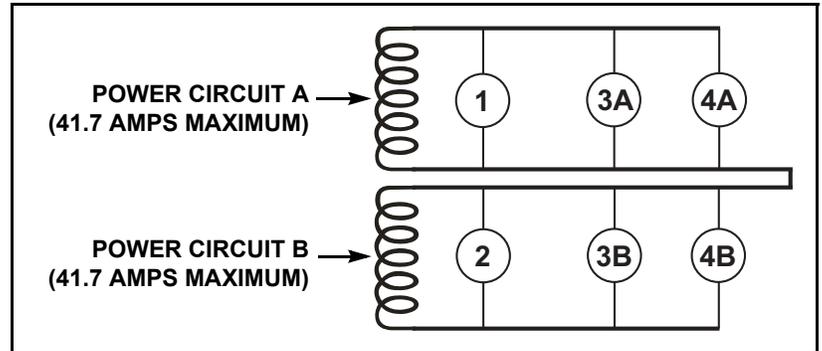
Power Circuits

This generator is equipped with two power circuits, A and B. They act like two separate generators, with each circuit supplying up to 41.7 amps to specific receptacles. Neither power circuit can supply power to the other power circuit's receptacles. It is important, therefore, to balance the load on both power circuits.

Power circuit A can supply up to 41.7 amps at 120 volts to receptacles 1, 3A, and 4A. Power circuit B can supply up to 41.7 amps at 120 volts to receptacles 2, 3B, and 4B.

If you use 240 volt power, receptacle 3 (the combination of 3A and 3B) can provide up to 30 amps at 240 volts (the receptacle is only rated at 30 amps). Receptacle 4 (4A and 4B) can provide up to 41.7 amps at 240 volts (the receptacle is rated at 50 amps).

You can use any combination of receptacles to power 120 volt and 240 volt loads as long as the current required of each power circuit does not exceed 41.7 amps.



Control Panel Receptacles

The control panel has four receptacles.

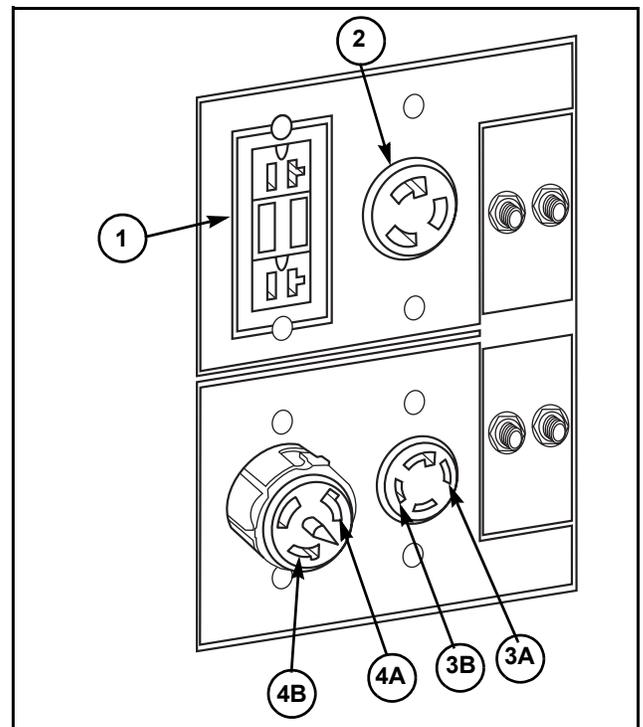
Receptacle 1 is a 120 volt duplex receptacle that can supply up to 20 amps from power circuit 1.

Receptacle 2 is a 120 volt locking receptacle that can supply up to 30 amps from power circuit 2.

Receptacle 3 is a 240 volt locking receptacle that can supply up to 30 amps at 240 volts. Half of its current is supplied by power circuit A (terminal 3A) and half is supplied by power circuit B (terminal 3B).

Receptacle 4 is a 240 volt locking receptacle that can supply up to 41.7 amps at 240 volts. Half of its current is supplied by power circuit A (terminal 4A) and half is supplied by power circuit B (terminal 4B).

The maximum total current supplied by all receptacles at the same time is 83.3 amps at 120 volts or 41.7 amps at 240 volts or any combination of 120 volt/240 volt loads that does not exceed 41.7 amps per power circuit. To balance the load on the generator, connect your appliances to receptacles chosen so that each power circuit supplies a fairly equal share of the load.



Overloading

The rated power of this generator is 10.0 kVA; maximum power is 12.0 kVA. Never exceed the maximum power rating of the generator. Power levels between rated and maximum may be used for no more than 30 minutes.