

BIOMASS-BLACKOUT-BLOCKER 10 kW

Biomass-Emergency-Power Generator up to 10 kW with Gasifier

Applications

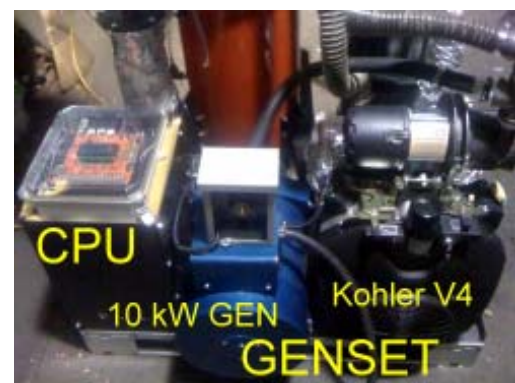
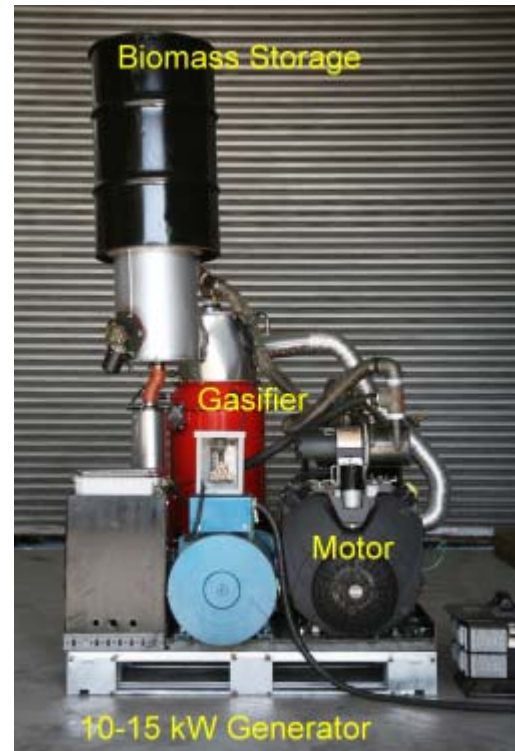
- For fossil free Power Generation **OFF GRID**
- Runs with several kinds of Woodchips,
- Loads your Backup Batteries
- When disposing of cases, carpenters, Recycling companies, construction companies, nurseries, Pallet logistics and much more.
- forestry, agriculture, carpentry, small Hotels and restaurants (peakload)

Computerized woodchip gasifier, fuels:

- wood chips, waste wood, (no Pellets, no Straw, no Miscanthus)
- Size G30 fits best
- Best Humidity: 20%

Basic Features of the small Biomass Power Container

- Housing: 10 foot container, outdoor IP68
- Automatic fuel feeder from carburetor fuel preheating
- Ash content 5-10%
- Average fuel consumption 1,4 kg / h (15%) = 1 kWh Power (at 3 kWh / kg Biomass Energy Density)
- Kohler Air-cooled V-4 cylinder engine
- 10 kW_e Generator power on a simple plug
- Up to 15 KW heating power forward at 85 ° C flow = Up to 2 m³ / h to
- 2.000 L heating storage tank
- Appropriate duration of the generator: 2.000 hours / year, best for baseload heating in a heatwaterstorage and naturally power generation up 10 kW_e
- Computer controlled gasifier with Digital display for control purposes and fuel selection
- Consumption of Biomass with 3 kWh/kg -> 1 kg = 0,7 kW_e (10 kWh = 30 kg/hour, 15% moist)



www.biomassblackoutblocker.com