



Technical Data

Voltage

Static: +1%

Dynamic:

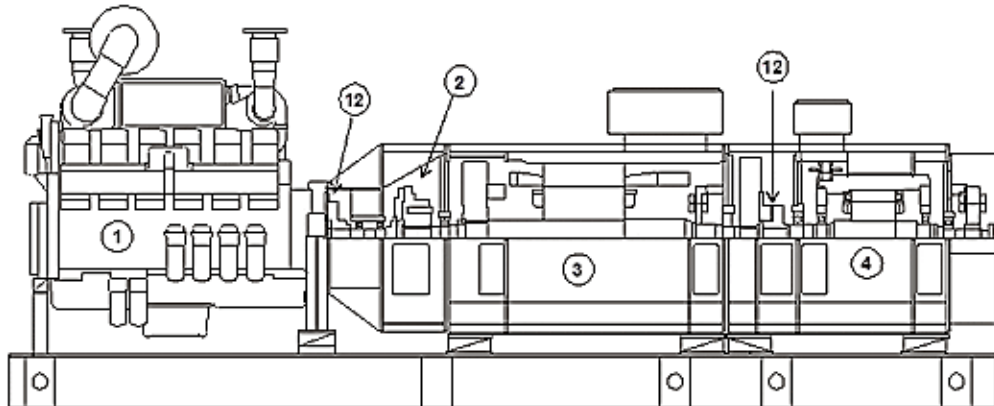
- a) at change of nominal load, $\cos\phi = 0,8$, : +10%, voltage comeback within 0,3 seconds.
- b) Short circuit at the input +/- 10%. Voltage tolerance after short circuit shut down < 10% within 0,3 seconds.
- c) Mains shutdown at nominal voltage +10% within 0,3 seconds

Frequency:

- a) at grid operation = grid frequency.
- b) change grid to diesel operation at takeover of 100 % load +1%.
- c) static at diesel operation +0,5%.

When desired other tolerances are possible!

Mechanical Design



- 1) Diesel engine
- 2) Electromagnetic clutch
- 3) Synchronous machine
- 4) Kinetic Module
- 12) Flexible clutch