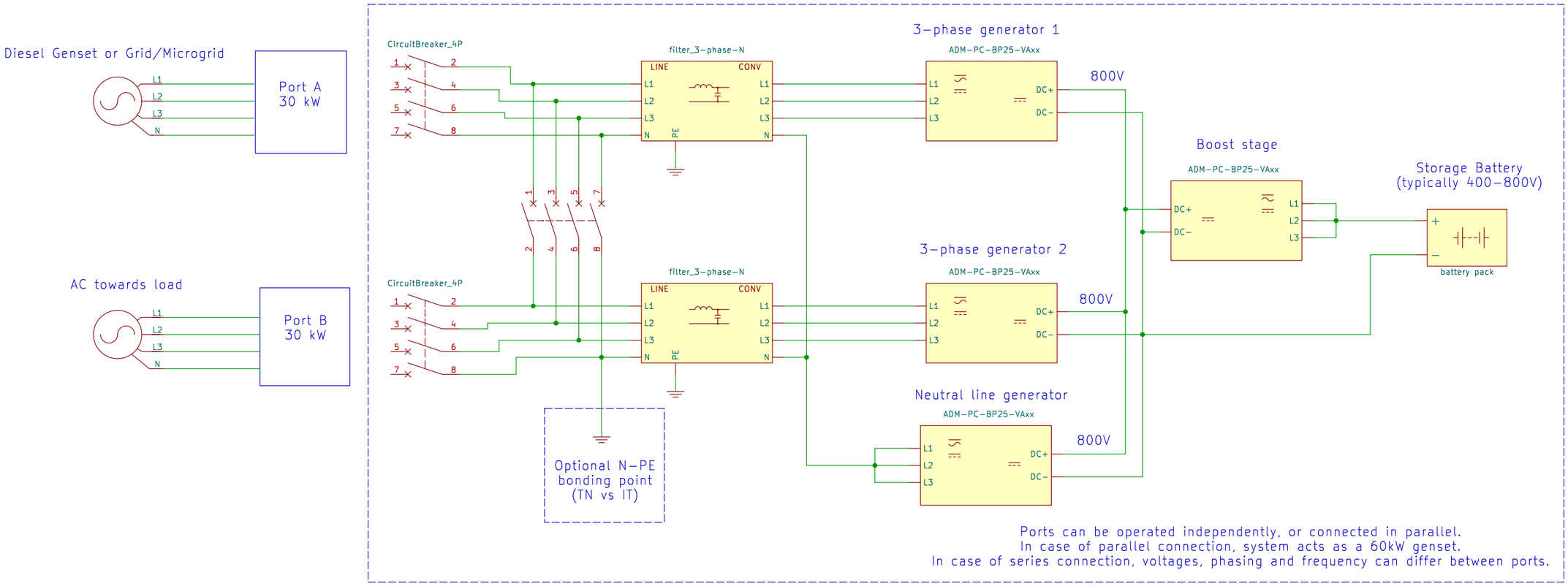
Diesel Genset or Grid/Microgrid
L1
L2
L3
N
Port A
30 kW
AC towards load
L1
L2
L3
N
Port B
30 kW
CircuitBreaker_4P
1
2
3
4
5
6
7
8
filter_3-phase-N
LINE
CONV
L1
L2
L3
N
PE
3-phase generator 1
ADM-PC-BP25-VAxx
DC+
DC-
800V
Boost stage
ADM-PC-BP25-VAxx
Storage Battery
(typically 400-800V)
+
-
battery pack
3-phase generator 2
ADM-PC-BP25-VAxx
800V
Neutral line generator
ADM-PC-BP25-VAxx
800V
Optional N-PE
bonding point
(TN vs IT)
Ports can be operated independently, or connected in parallel.
In case of parallel connection, system acts as a 60kW genset.
In case of series connection, voltages, phasing and frequency can differ between ports.