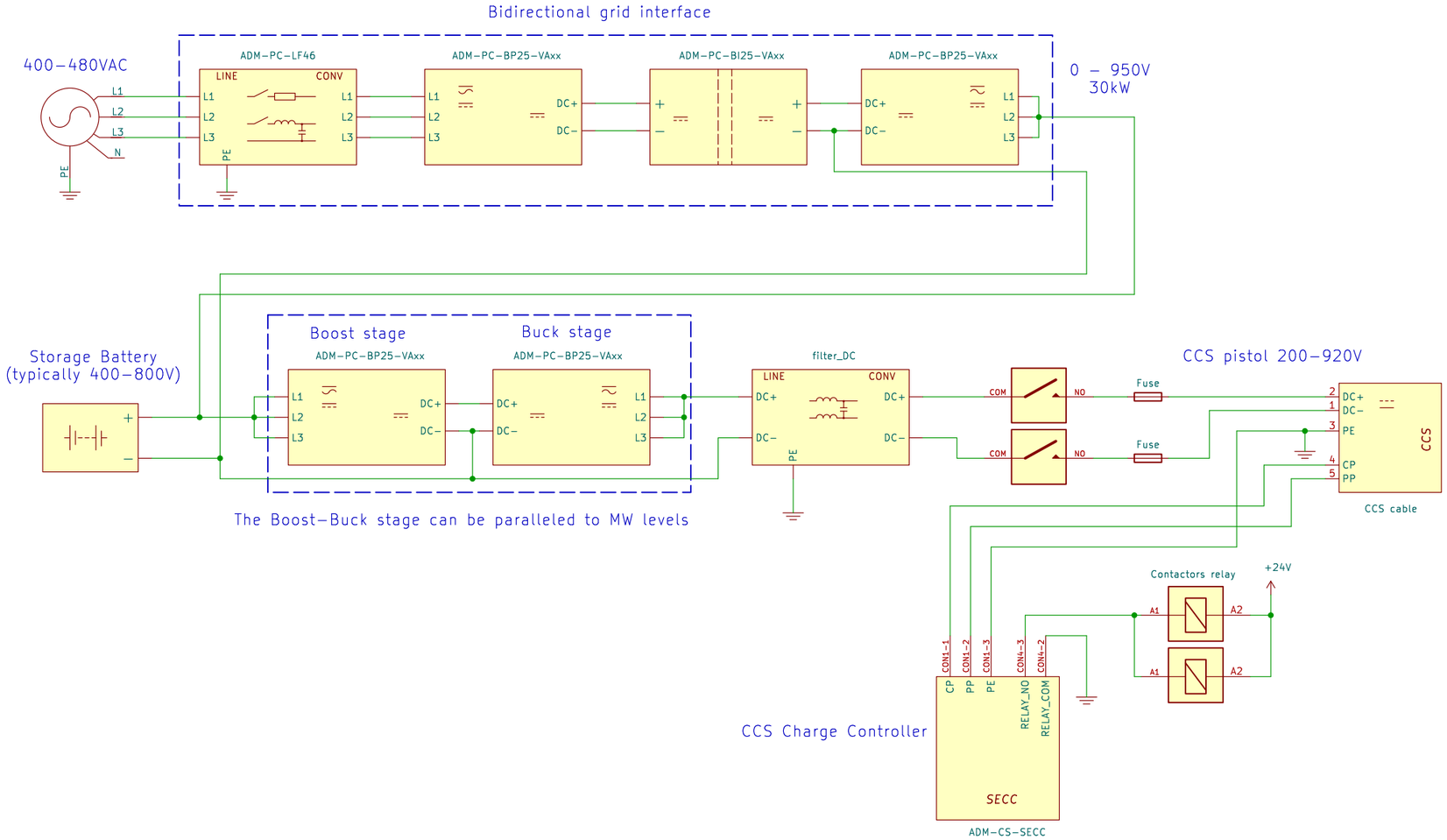
Bidirectional grid interface
400–480VAC
L1
L2
L3
N
PE
ADM–PC–LF46
LINE
CONV
ADM–PC–BP25–VAxx
ADM–PC–BI25–VAxx
ADM–PC–BP25–VAxx
DC+
DC–
0 – 950V
30kW
Storage Battery
(typically 400–800V)
Boost stage
Buck stage
The Boost–Buck stage can be paralleled to MW levels
filter_DC
COM
NO
Fuse
CCS pistol 200–920V
CCS
CP
PP
CCS cable
Contactors relay
+24V
A1
A2
CCS Charge Controller
CON1–1
CON1–2
CON1–3
CON4–3
CON4–2
RELAY_NO
RELAY_COM
SECC
ADM–CS–SECC