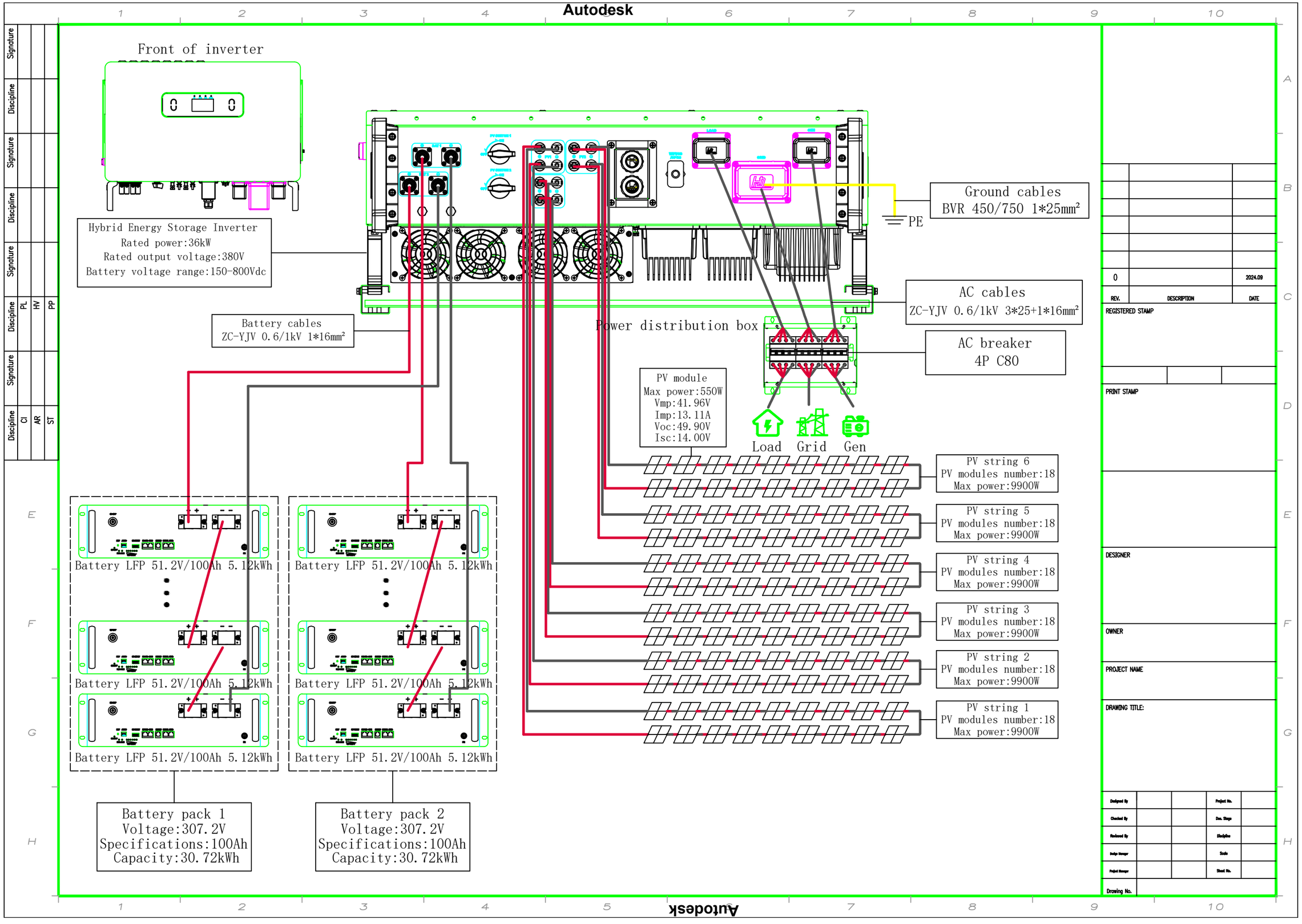
Front of inverter
Hybrid Energy Storage Inverter
Rated power:36kW
Rated output voltage:380V
Battery voltage range:150-800Vdc
Ground cables
BVR 450/750 1*25mm²
PE
AC cables
ZC-YJV 0.6/1kV 3*25+1*16mm²
Battery cables
ZC-YJV 0.6/1kV 1*16mm²
Power distribution box
AC breaker
4P C80
PV module
Max power:550W
Vmp:41.96V
Imp:13.11A
Voc:49.90V
Isc:14.00V
Load
Grid
Gen
PV string 6
PV modules number:18
Max power:9900W
PV string 5
PV modules number:18
Max power:9900W
PV string 4
PV modules number:18
Max power:9900W
PV string 3
PV modules number:18
Max power:9900W
PV string 2
PV modules number:18
Max power:9900W
PV string 1
PV modules number:18
Max power:9900W
Battery LFP 51.2V/100Ah 5.12kWh
Battery pack 1
Voltage:307.2V
Specifications:100Ah
Capacity:30.72kWh
Battery pack 2
Voltage:307.2V
Specifications:100Ah
Capacity:30.72kWh
REV.
DESCRIPTION
DATE
0
2024.09
REGISTERED STAMP
PRINT STAMP
DESIGNER
OWNER
PROJECT NAME
DRAWING TITLE:
Designed By
Checked By
Reviewed By
Project No.
Doc. Stage
Discipline
Scale
Sheet No.
Drawing No.
Signature
Discipline
PL
HV
PP
CI
AR
ST