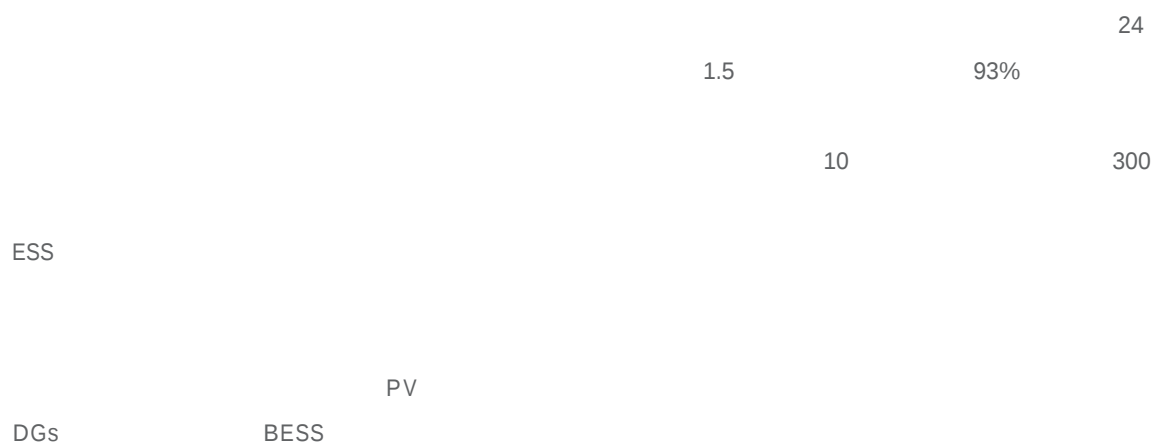
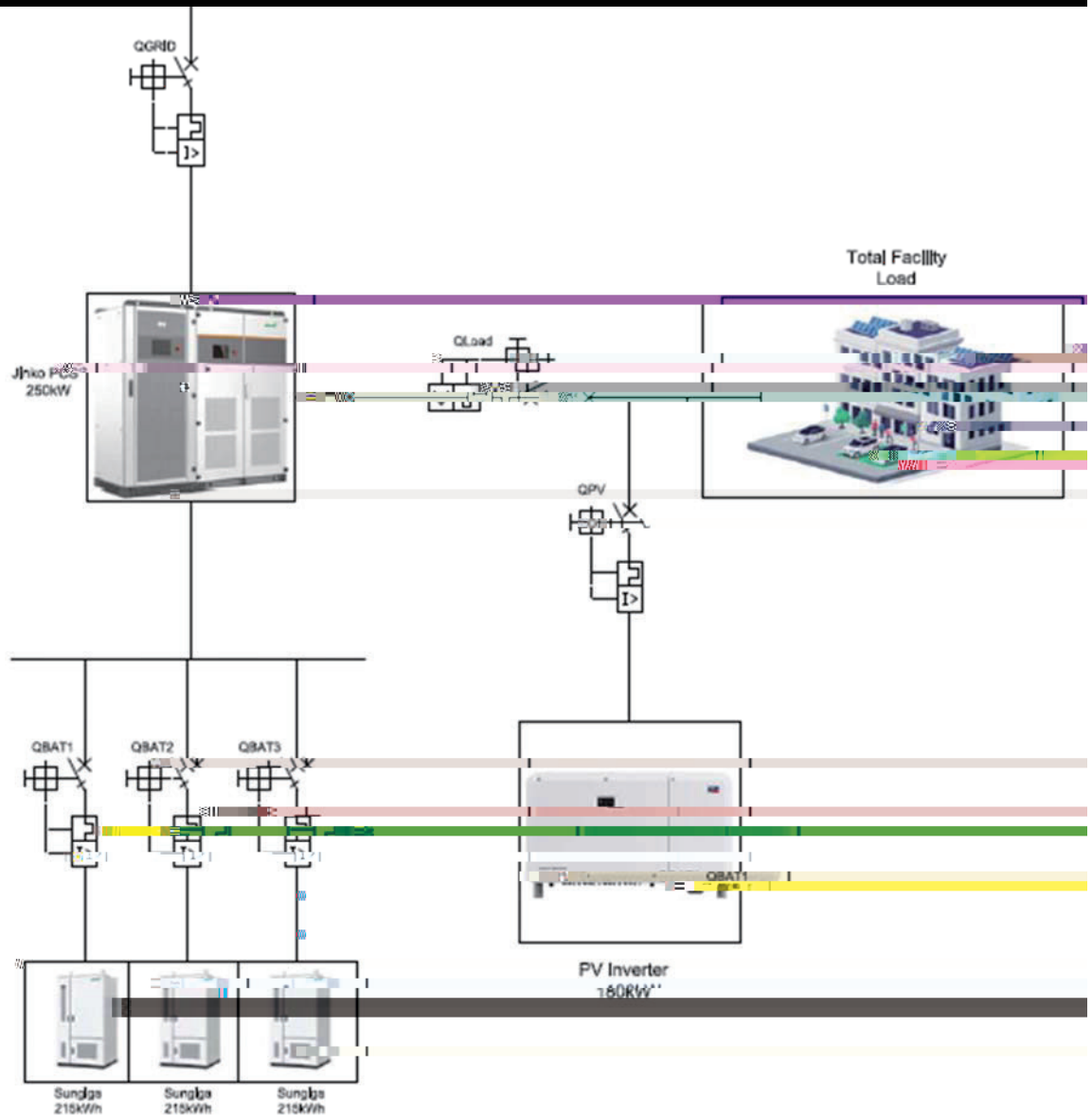
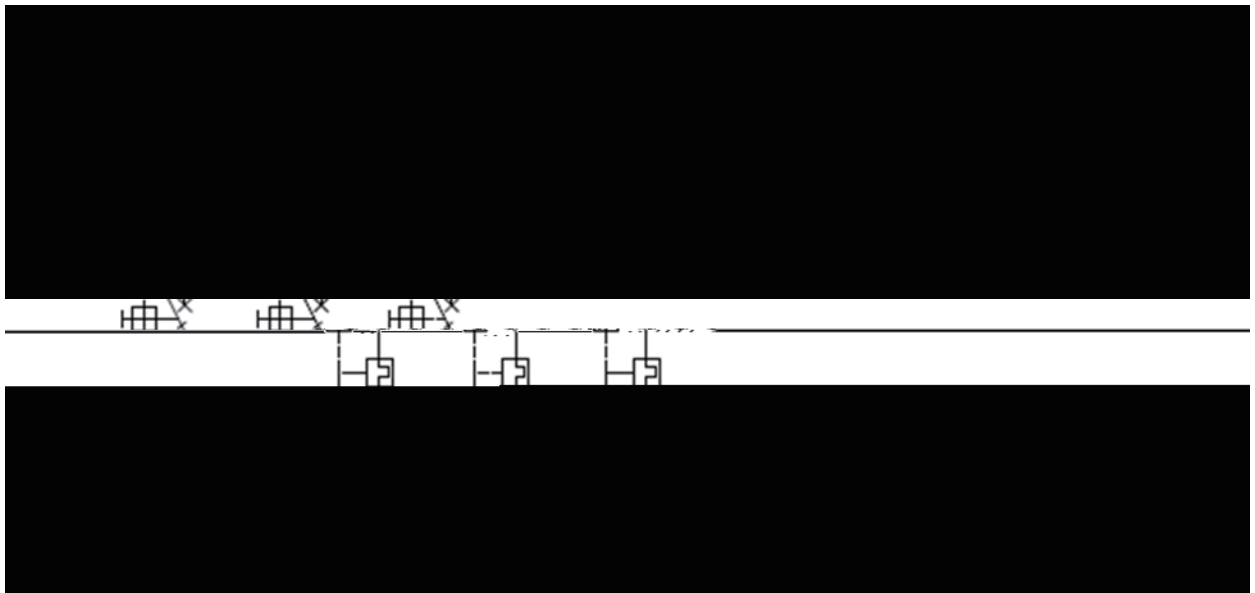




250kW/645kWh

Case Study





645kWh Jinko SunGiga

645kWh

BMS

EMS

Battery Rack

PCS

215kWh

5

153.6V

768V

HVB

BCU

BMS

CAN

BMU

BCU

BMU

BCU

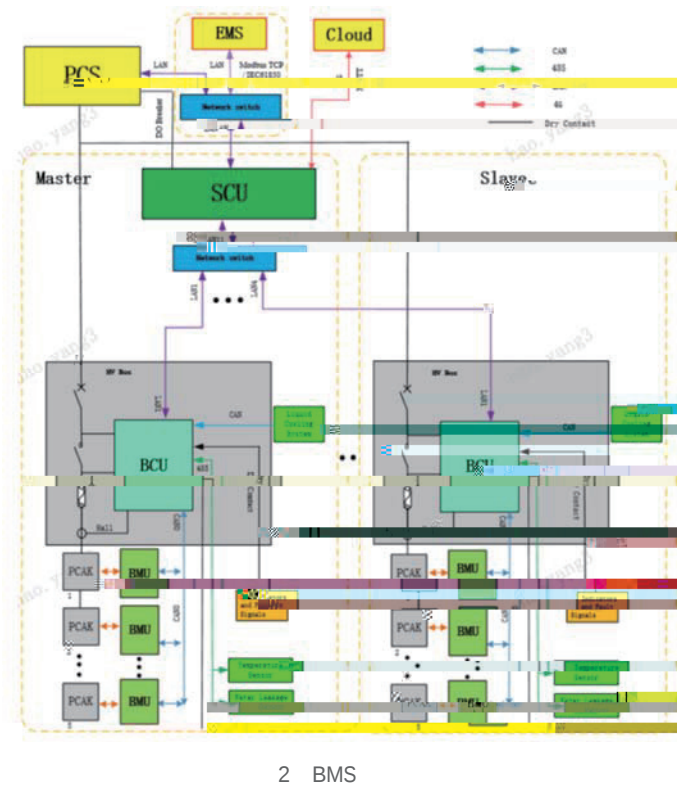
HVB

BMU

BMS

SOC

SOH



PCS

250kW

PCS

DG

Grid Following

PV Inverters

Grid Forming

PCS

DC-AC

PQ

DC-AC

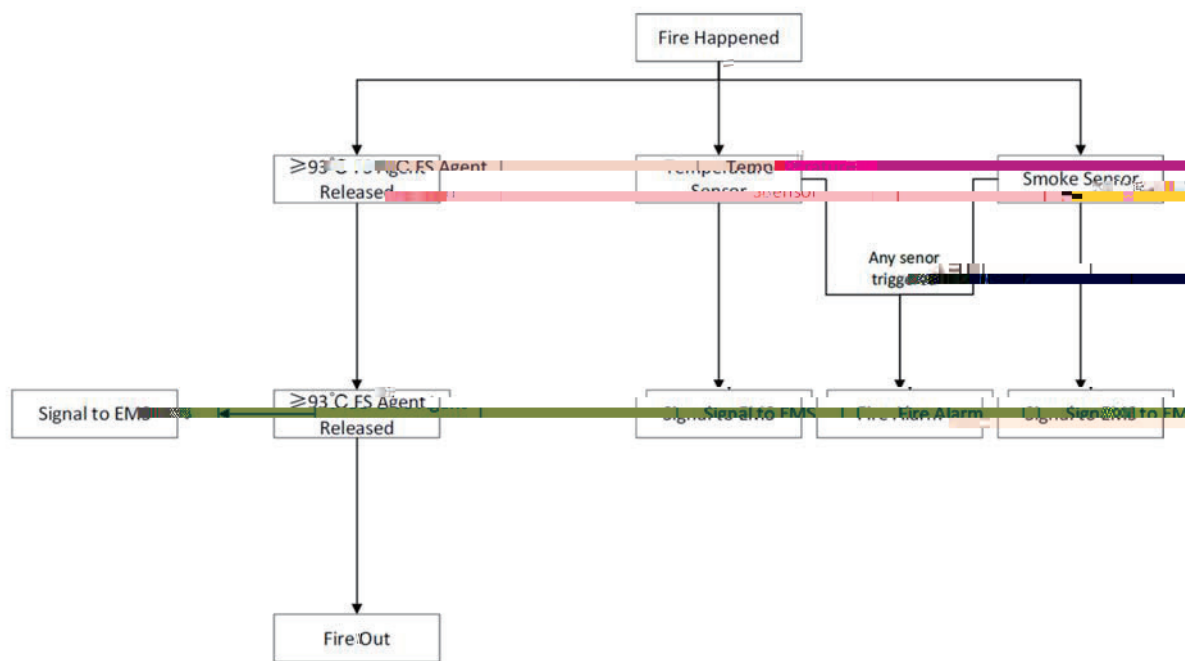
4kW

VF

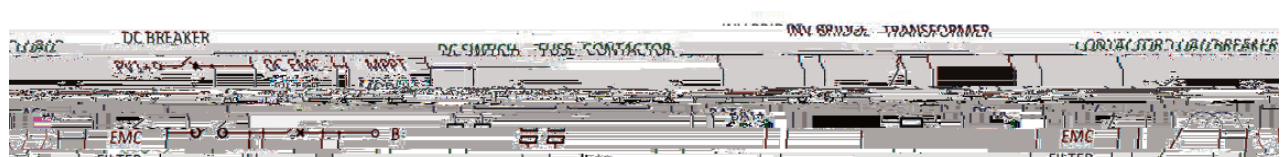
DC-AC

ESS

ESS



3



4 PCS



- Setpoint -

SCU

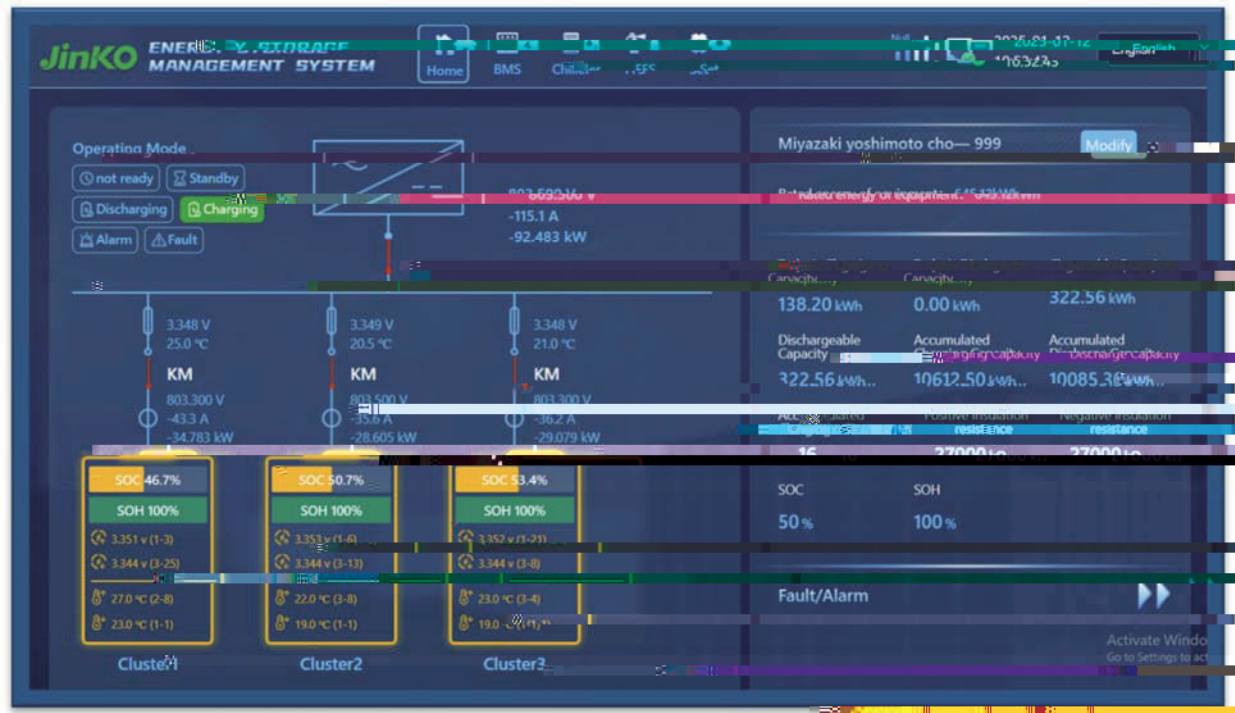
SCU

3

FSS

BMUs

BCUs

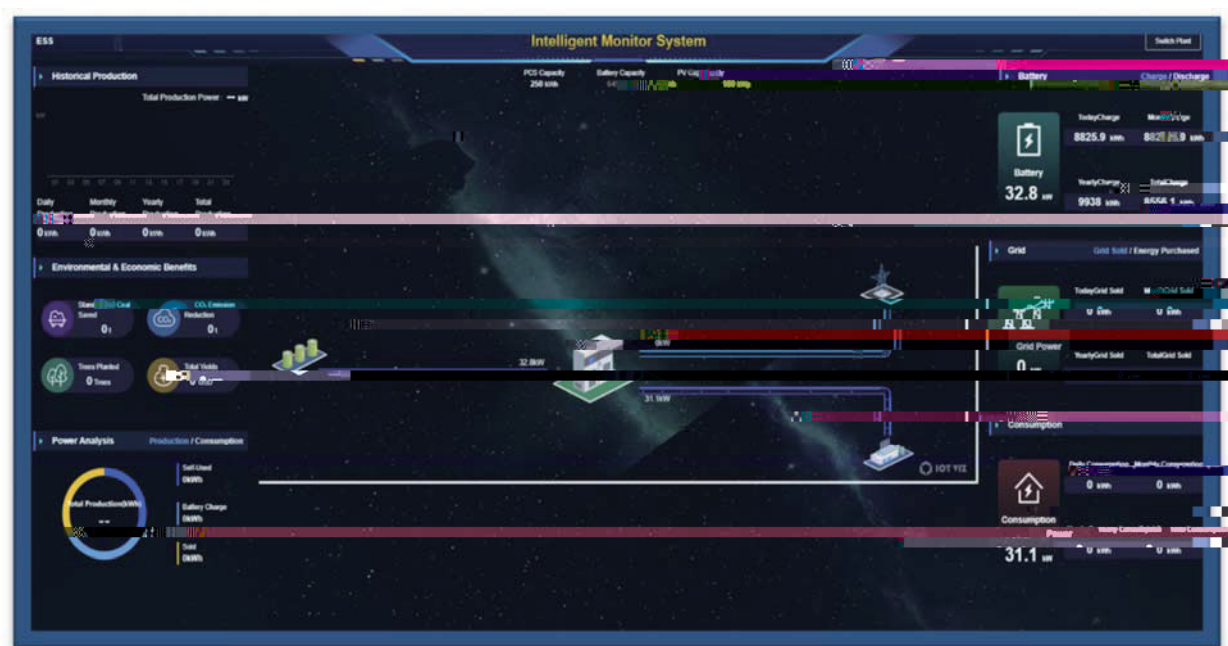


6 SCU



7

IoT



8 EMS

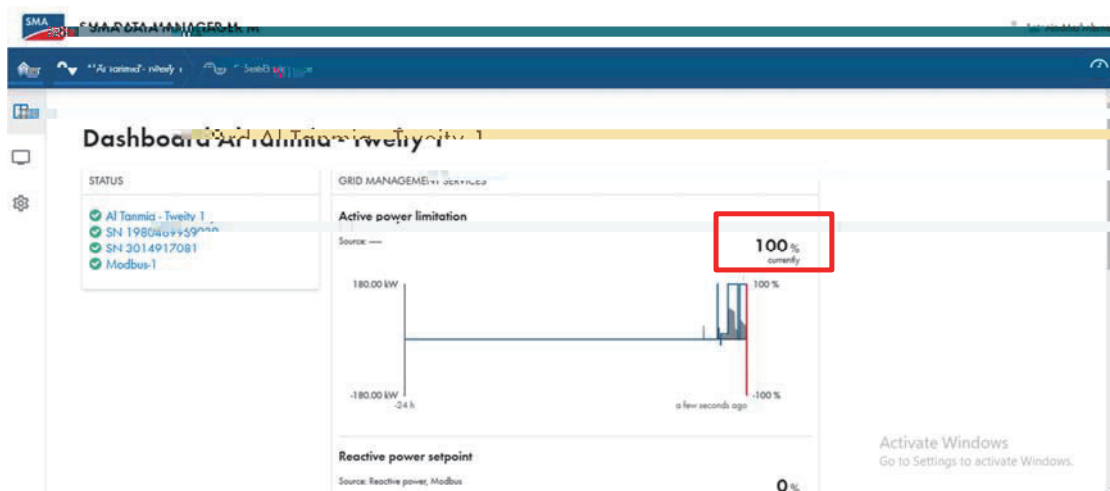
20% ≤ SOC ≤ 90

SOC

90%

100%

9



9 SMA

EMS

100%

90% ≤ SOC ≤ 95

98% ≤ SOC

P

