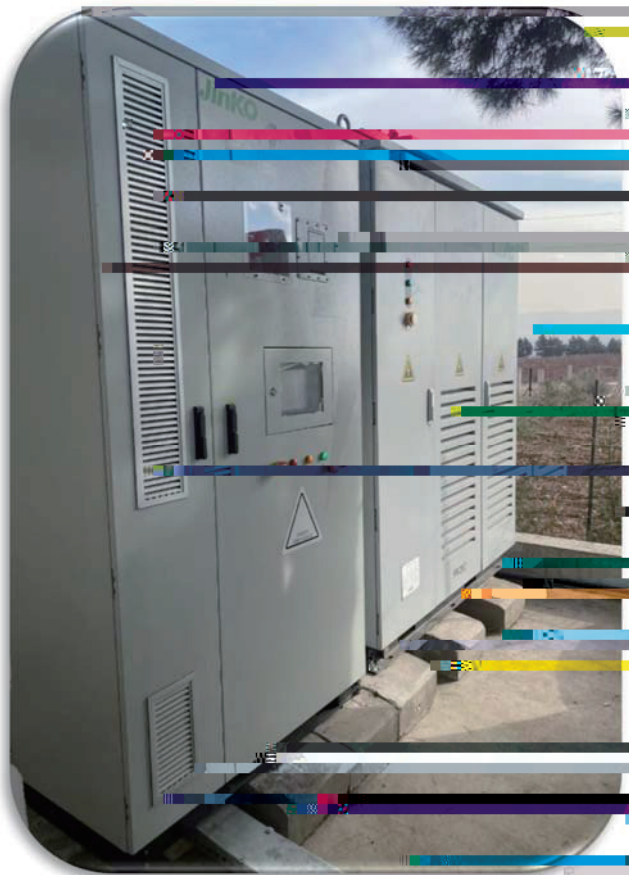
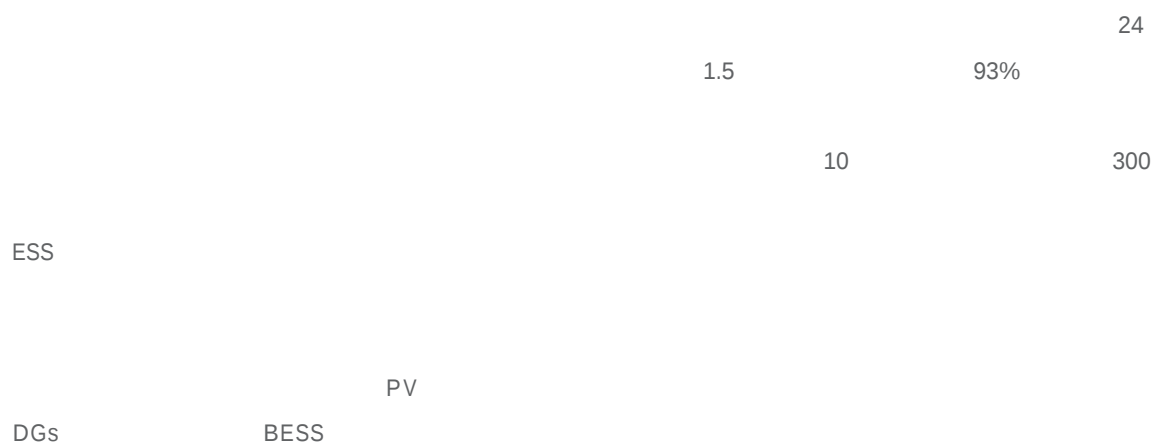
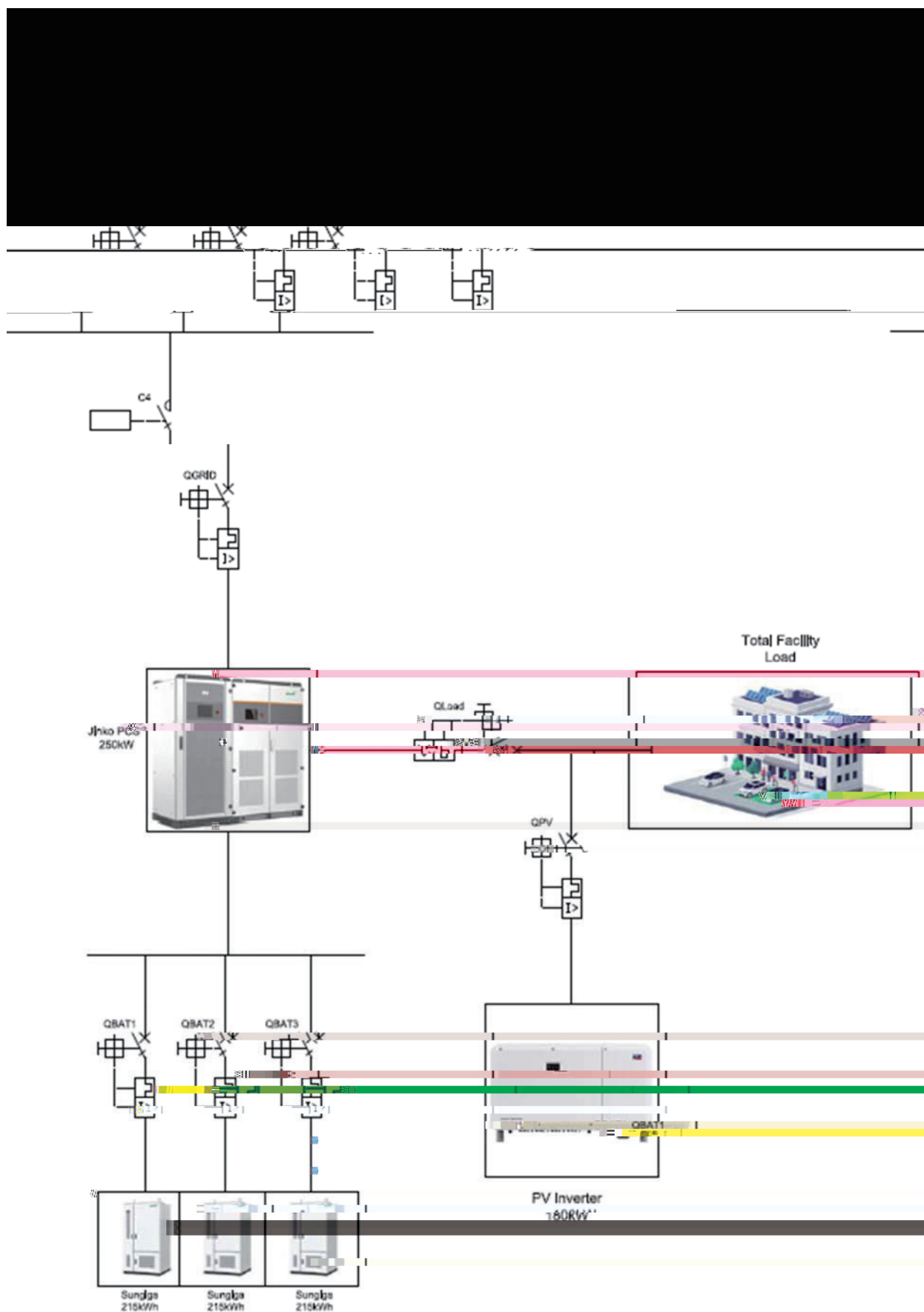




250kW/645kWh

Case Study





645kWh Jinko SunGiga

645kWh

BMS

EMS

215kWh

5

153.6V

768V

PCS

HVB

BCU

BMS

CAN

BMU

BCU

BMU

BCU

HVB

BMU

BMS

SOC

SOH

PCS

250kW

PCS

BMS

DG

PV Inverters

Grid Following

Grid Forming

PCS

DC-AC

PQ

DC-AC

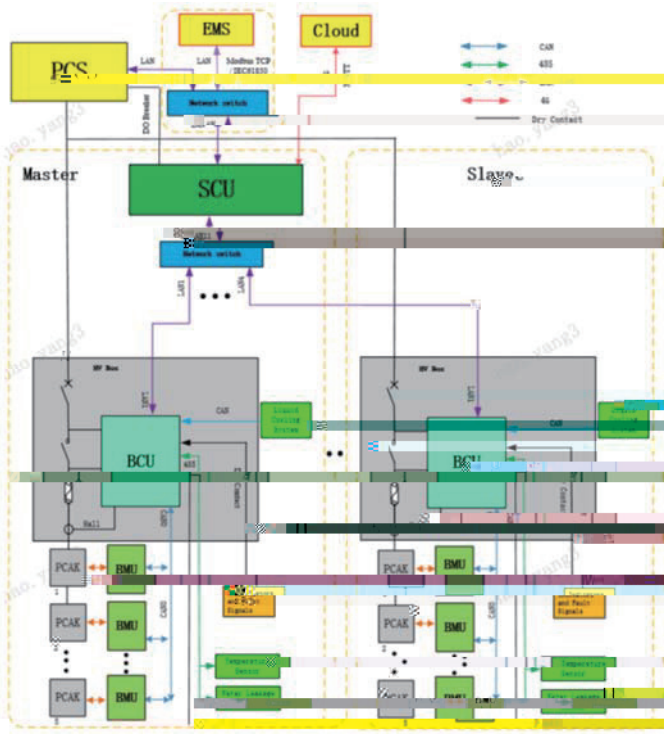
4kW

VF

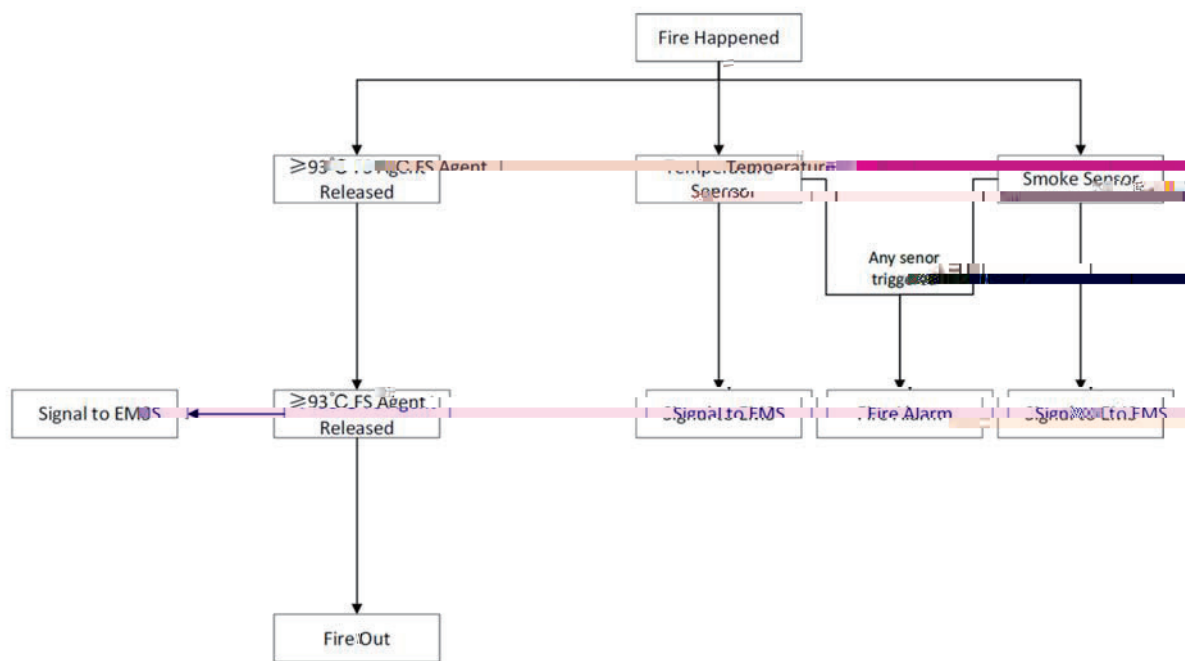
DC-AC

ESS

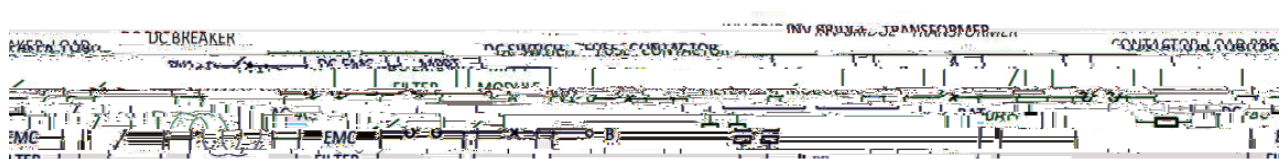
ESS



2 BMS



3



4 PCS



SCU

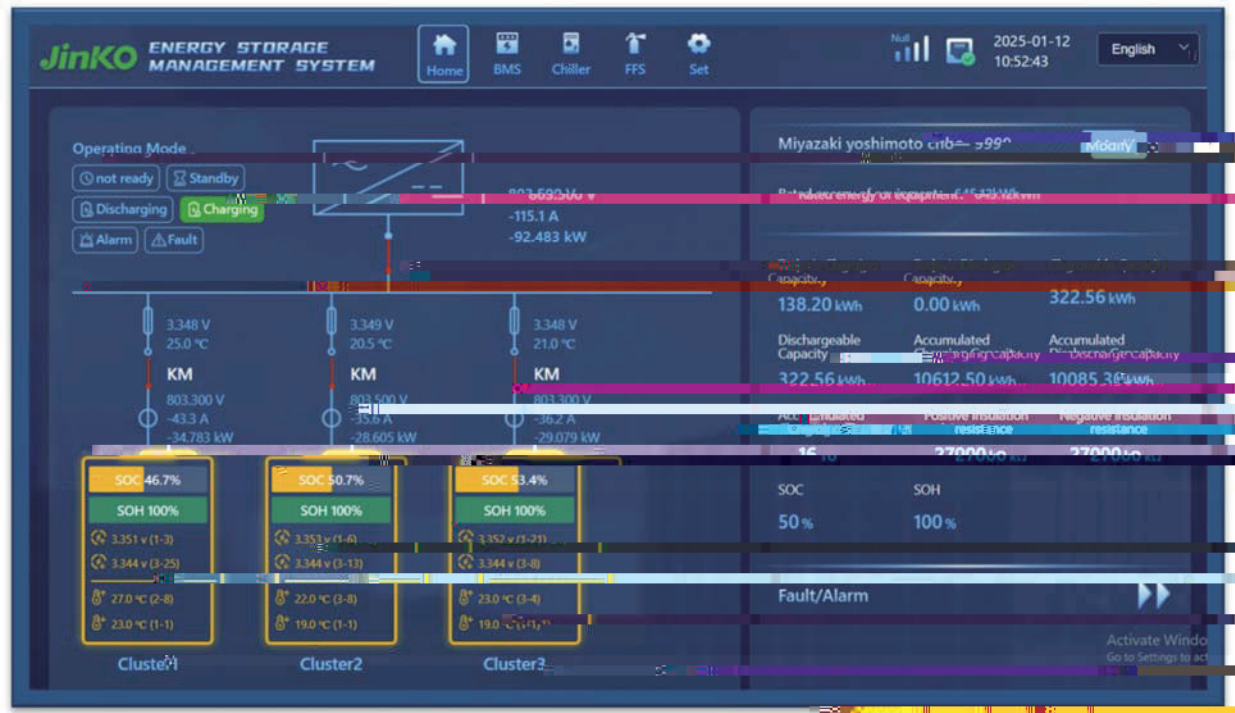
SCU

3

FSS

BMUs

BCUs

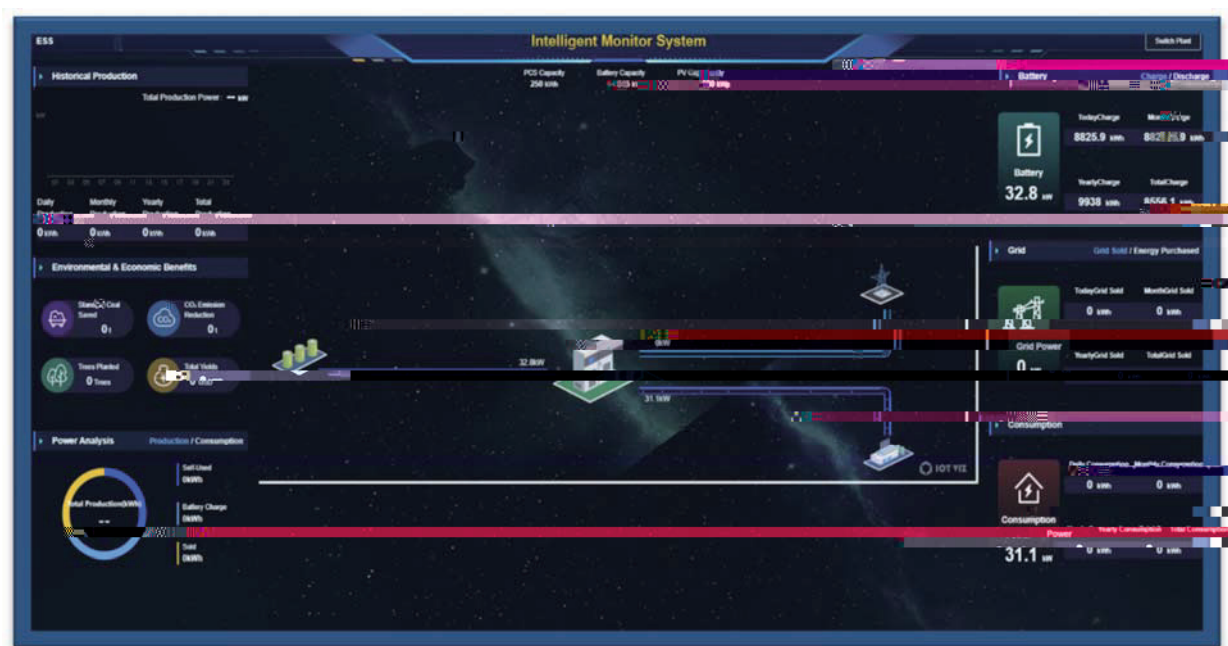


6 SCU



7

IoT



8 EMS

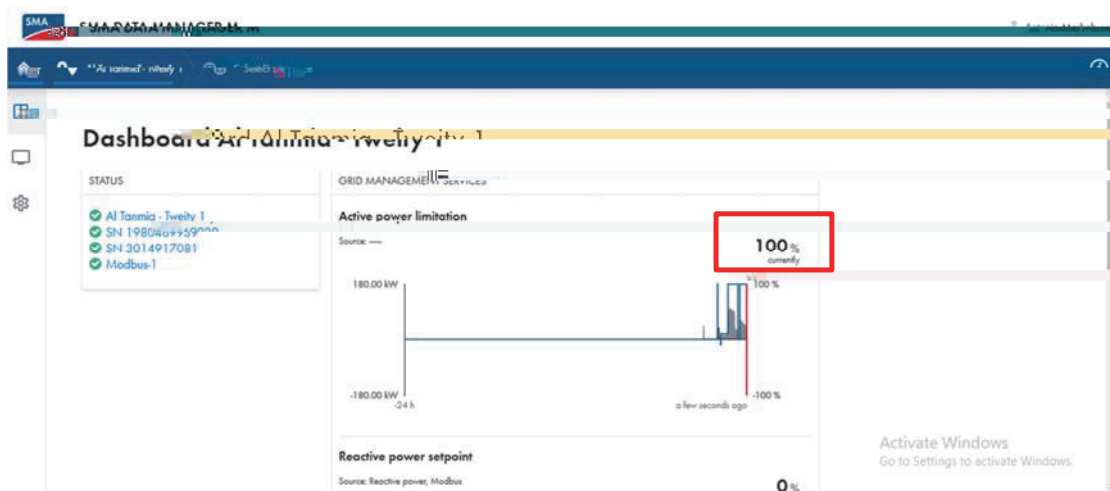
20% ≤ SOC ≤ 90

SOC

90%

100%

9



9 SMA

EMS

100%

$90\% \leq \text{SOC} \leq 95$

98% ≤ SOC

P

raise study

