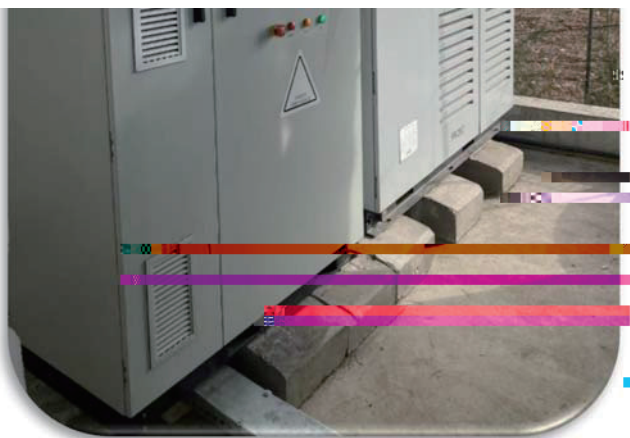




250kW/645kWh



ESS

DGs

BESS

PV

1.5

10

93%

24

300

645kWh Jinko SunGiga

645kWh

BMS

EMS

Battery Rack

PCS

215kWh

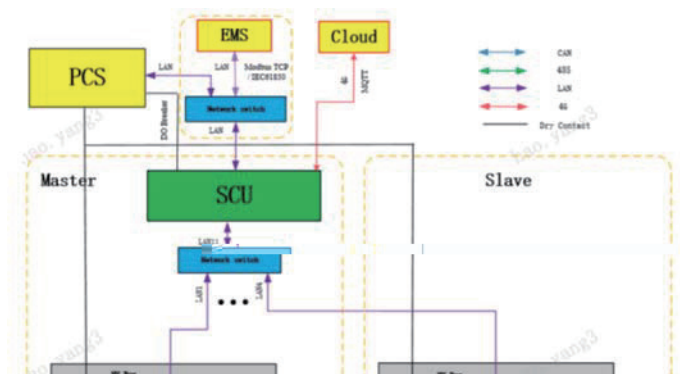
5

153.6V

768V

HVB

BCU



BMS

BMU

BCU

HVB

BMU

BMS

SOC

SOH

2 BMS

PCS

250kW

PCS

BMS

DG

Grid Following

PV Inverters

Grid Forming

PCS

DC-AC

PQ

DC-AC

4kW

VF

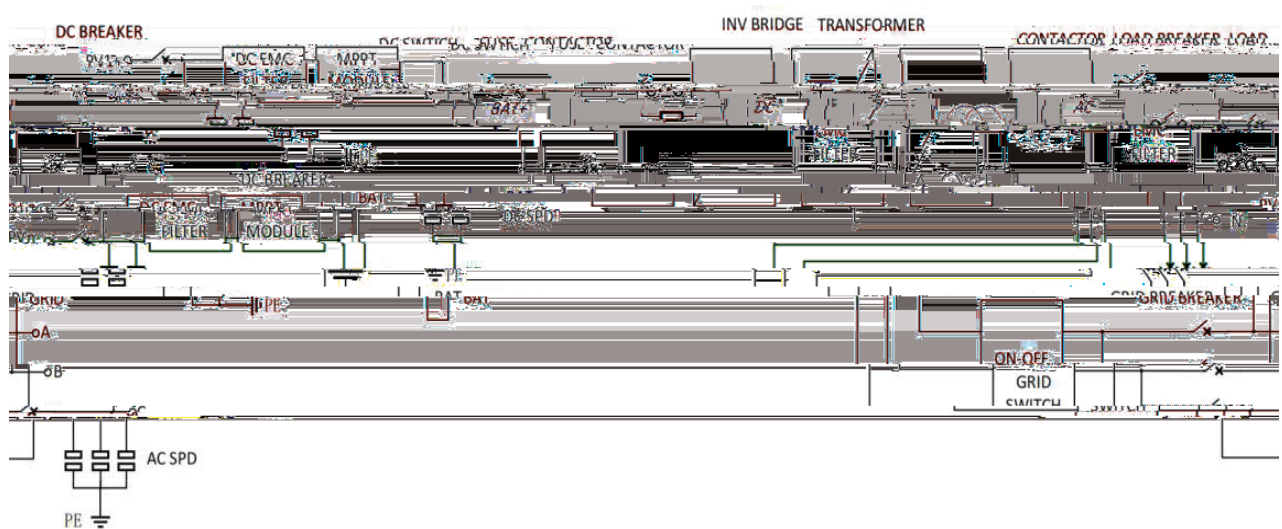
DC-AC

ESS

ESS



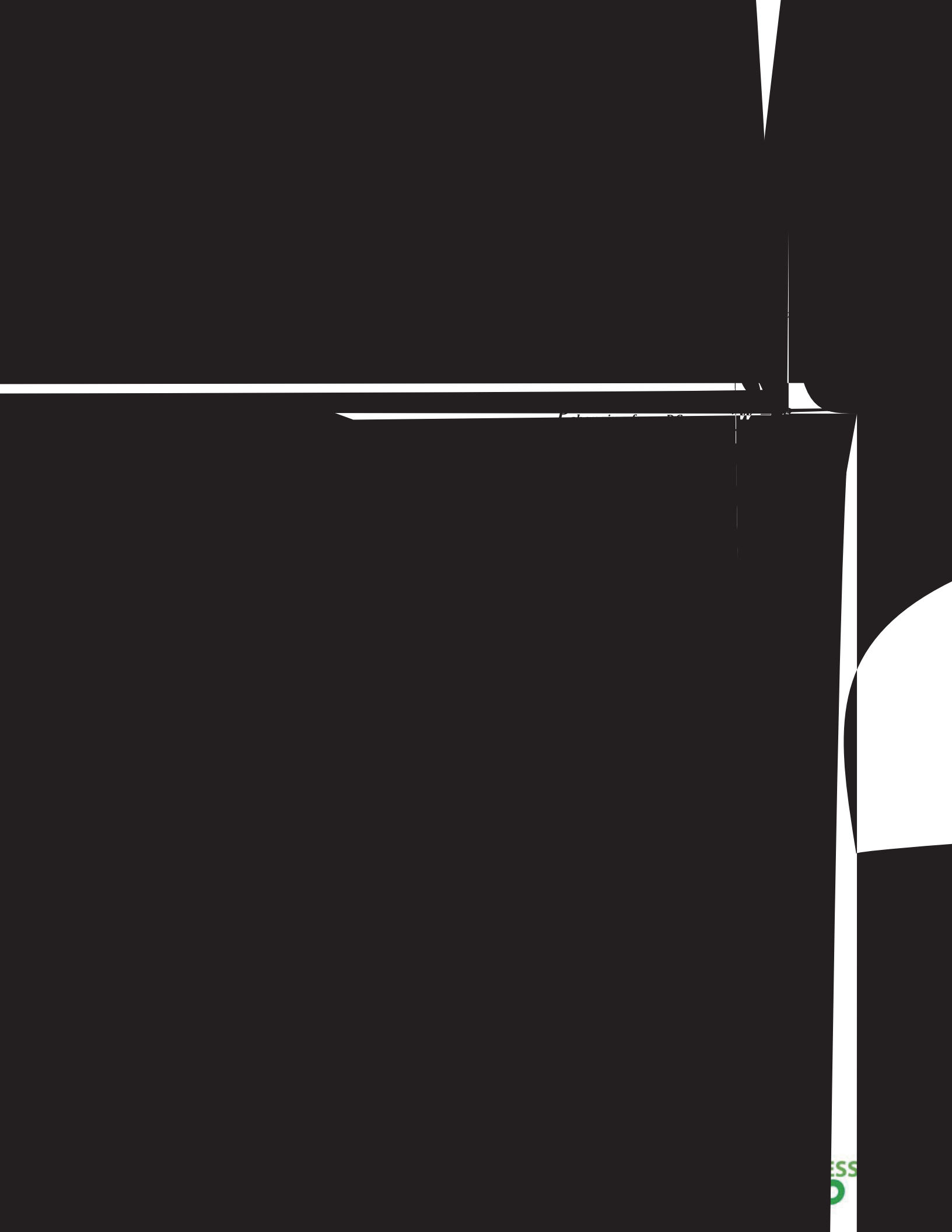
3



4 PCS



P



SCU

SCU

3

FSS

BMUs

BCUs

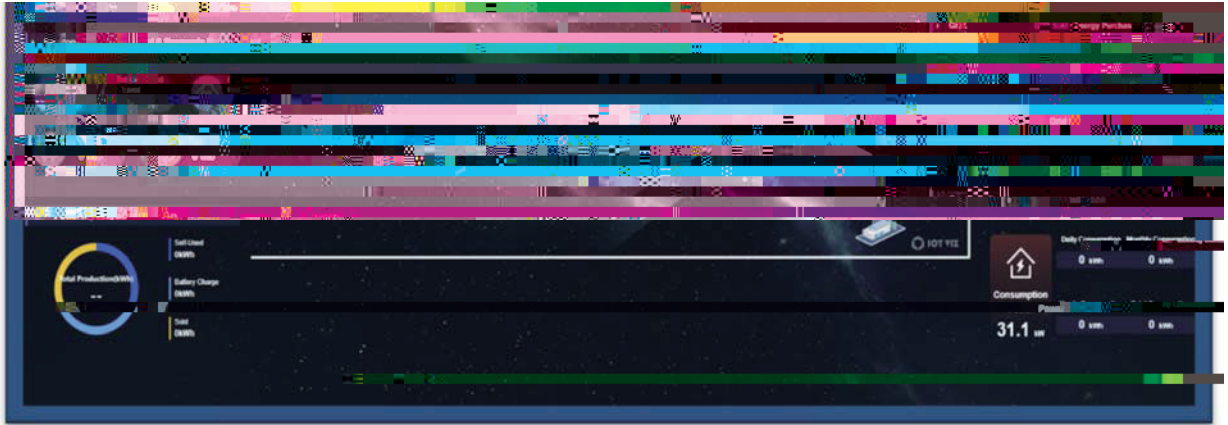


6 SCU



7

IoT



8 EMS

20% ≤ SOC ≤ 90

SOC
90% 100%
9



9 SMA

EMS

100%

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

98% ≤ SOC

P

