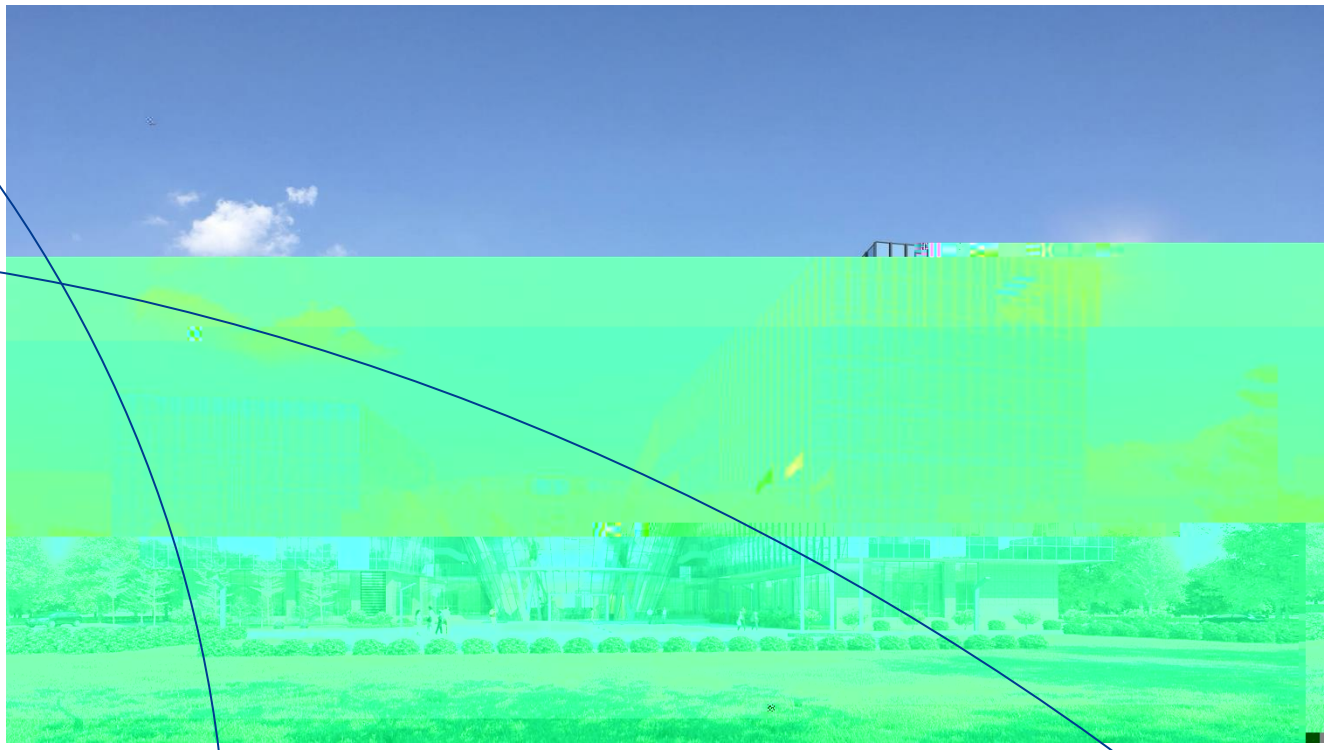
ZHIGUANG



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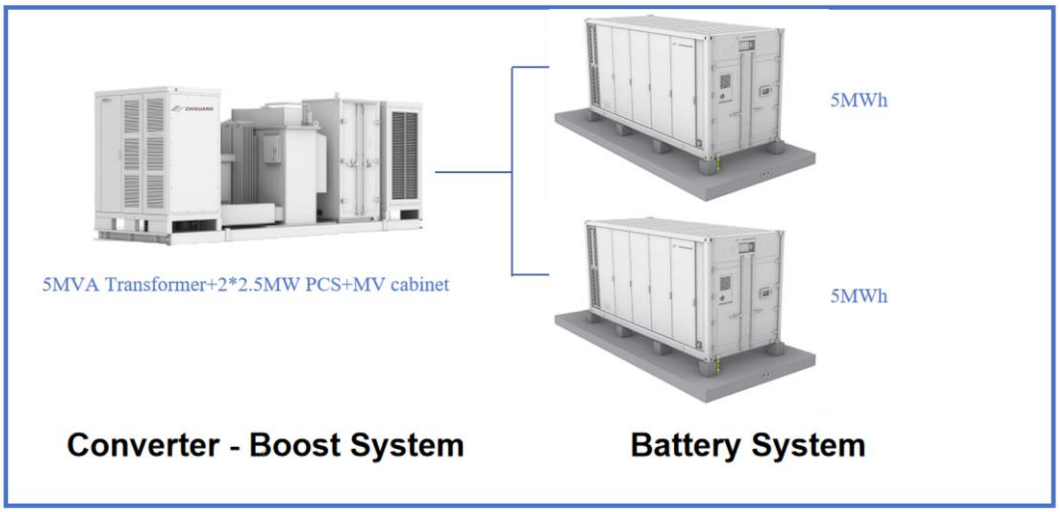
5MWh
5MWh
5MVA Transformer+2*2.5MW PCS+MV cabinet
Converter - Boost System
Battery System

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f rrc rc

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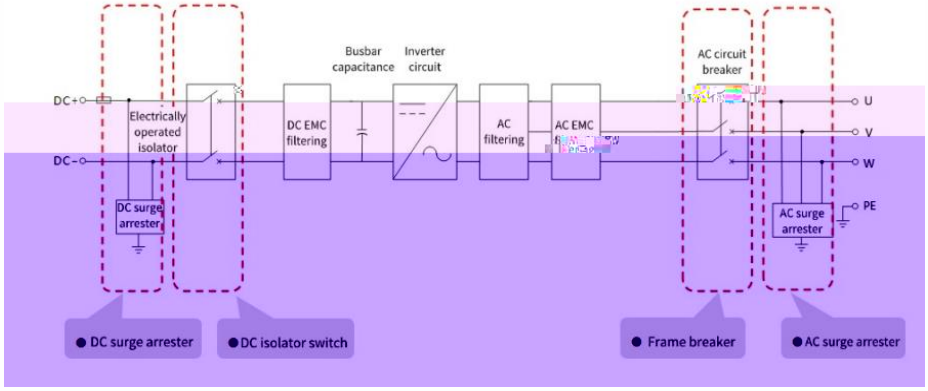
DC+
DC-
Electrically operated isolator
DC surge arrester
DC EMC filtering
Busbar capacitance
Inverter circuit
AC filtering
AC EMC
AC circuit breaker
U
V
W
PE
AC surge arrester
DC surge arrester
DC isolator switch
Frame breaker
AC surge arrester

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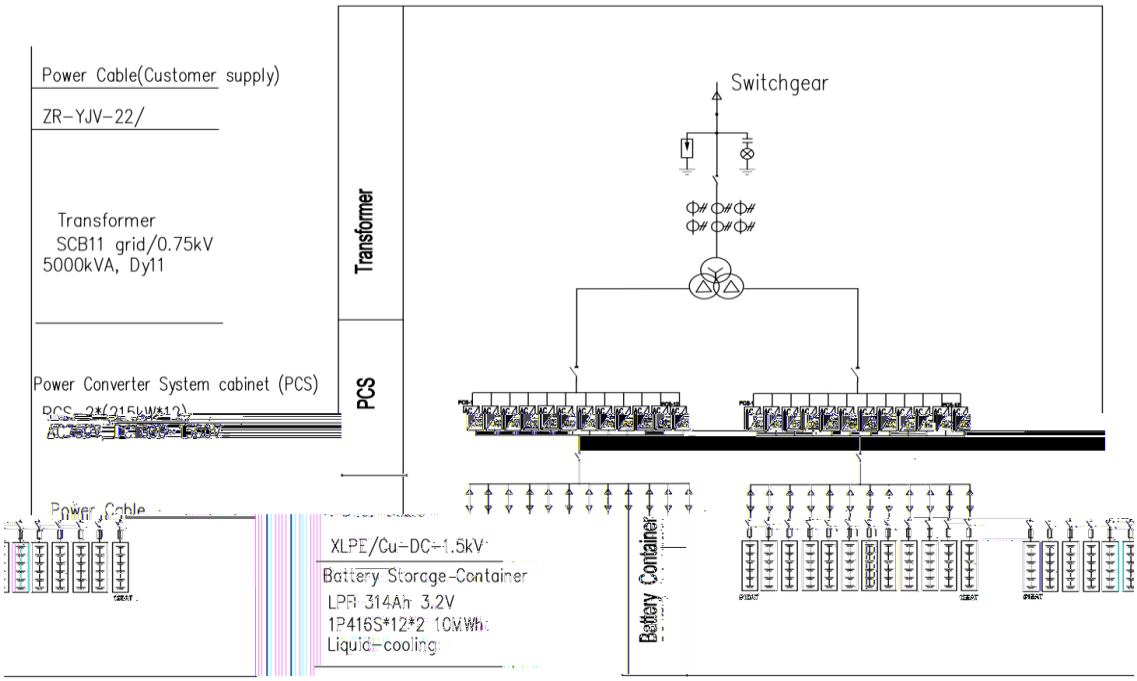
Power Cable(Customer supply)
ZR-YJV-22/
Transformer
SCB11 grid/0.75kV
5000kVA, Dy11
Transformer
Power Converter System cabinet (PCS)
PCS
Switchgear
XLPE/Cu-DC-1.5kV
Battery Storage-Container
LFP 314Ah 3.2V
1P416S*12*2 10MWh
Liquid-cooling
Battery Container

E m cdc cl ac