



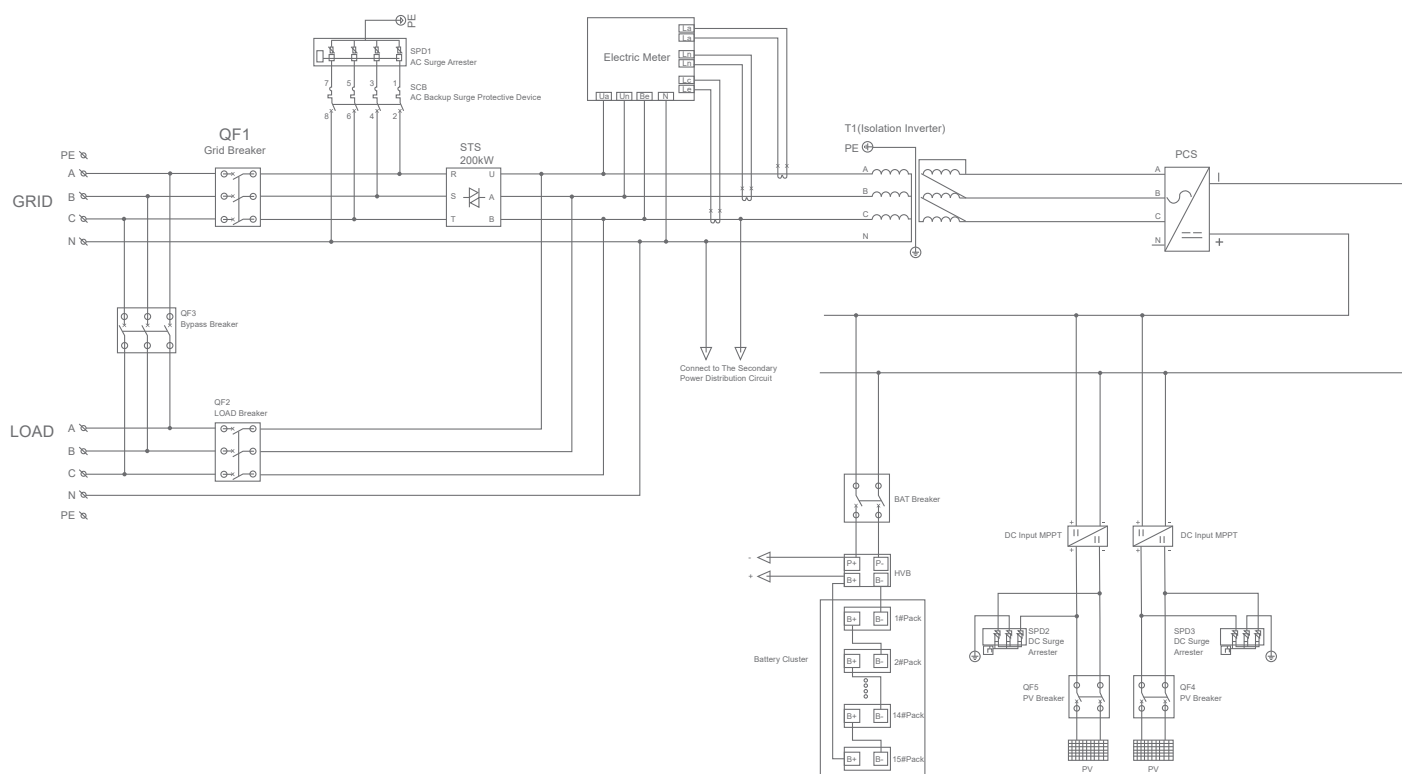
PowerCube

Air-cooled outdoor cabinet

Capacity

1

Single-Line Diagram (SLD) of Primary System



Cell

Cell	Cell type	LFP
	Nominal voltage/capacity	3.2V/314Ah
	Working voltage range	2.8-3.6V
	Size (T x W x H)	71.7×174.6×207.1mm
	Weight	5.70±0.3kg
	Normal charge and discharge ratio	0.5P
	Impedance (1kHz)	≤0.2mΩ
Battery Pack	Nominal capacity	16.076kWh
	Nominal voltage	51.2V
	Compound mode	1P16S
	BMU quantity	1

PCS Module

PCS	Power rating	125kW
	Maximum power	137kW
	Rated voltage	400V
	Rated AC current	180A
	Maximum alternating current	198A
	Maximum DC current	200A
	Productiveness	98.20%
	Communication	RS485/CAN
	Weight	68kg
	Size	566*680*280mm
	Cooling-down method	Forced air cooling
	Working temperature	

Basic Parameters

	Model	Cube240-HF125MG
Battery Parameter	Battery Energy	241kWh
	Cell Type	LiFePO4 3.2V/314Ah
	Battery Module Energy	16.076kWh
	Rated Voltage	768V
	Voltage Range	672-864V
	Battery System Configuration	1P240S
	Charge and Discharge Rate	≤0.5P
	Cooling Mode	Air cooling/3kW
PV Parameter	Max PV Power	50kW*2 (Optional 50kW*4)
	Max PV Voltage	600V
	MPPT Voltage\	