

OUTDOOR CABINET

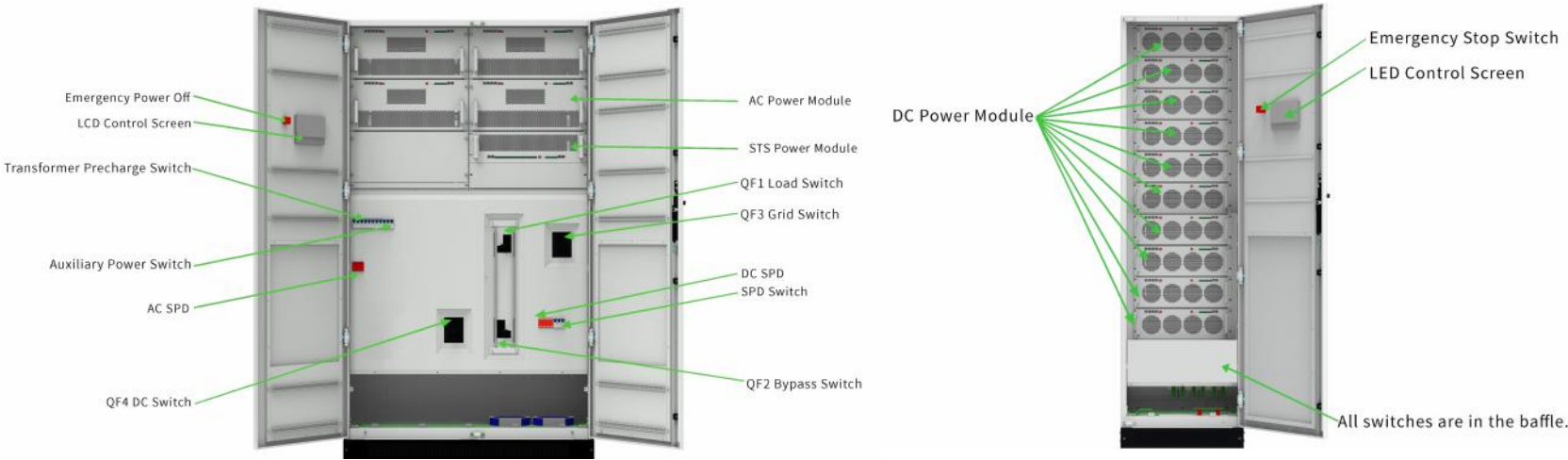
ENERGY STORAGE SYSTEM

1000KW 2150KWH

Outdoor energy storage cabinet integrates energy storage battery, modular PCs, energy management monitoring system, power distribution system, environmental control system and fire control system. Adopting modularized PCS, it is easy to maintain and expand capacity, and the outdoor cabinet adopts front maintenance, which can reduce the footprint and maintenance access, and is characterized by safety and reliability, rapid deployment, low cost,high energy efficiency and intelligent management.



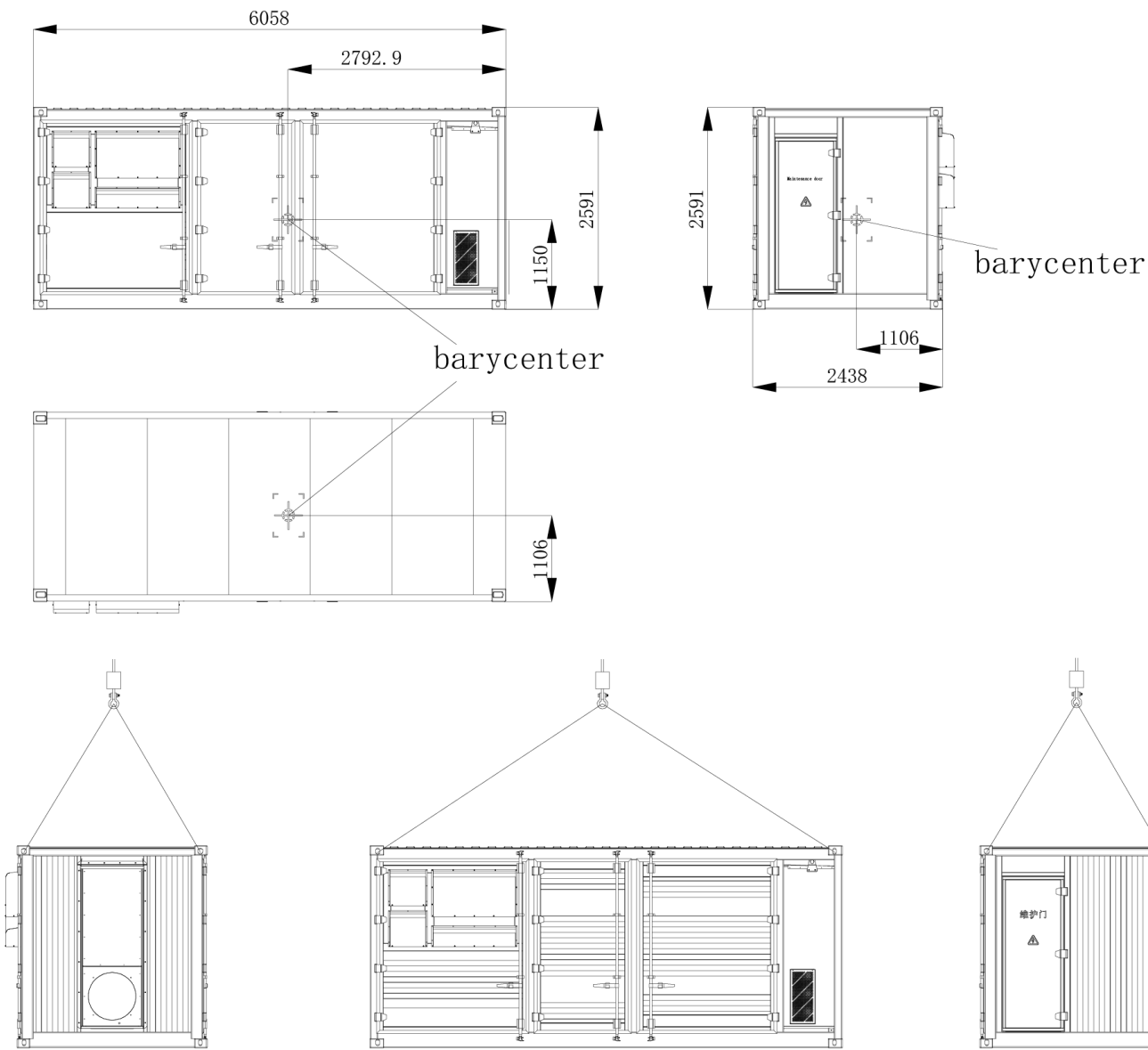
PRODUCT DESCRIPTION



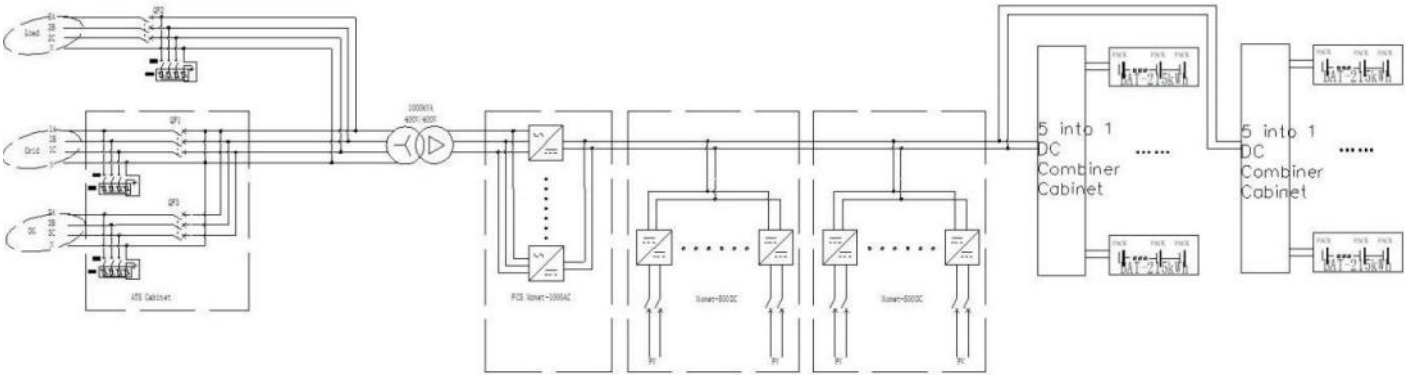
PERFORMANCE PARAMETER

Energy Storage Converter	SWMonet-1000T
Operating Voltage Range	680~1000V
Full Load Voltage Range	680~1000V
Maximum DC Current	200A*8
Adaptive Battery	Lithium Battery/lead acid/photovoltaic modules
Charging Mode	Asper BMS command/Tri-Stage/MPPT
Operating Mode	Constant current,constant power,MPPT,AC voltage source,DC voltage source
AC-side Parameters(On-grid)	
Rated/Maximum AC Power	1000/1100kW
Rated AC Current	180A*8
Rated AC Voltage	400V , 3W+N+PE
THDI	< 3% (Rated Power)
Power Factor	-1 ahead ~+1 behind
AC-side Parameters(Off-grid)	
Rated AC Voltage	400V
Rated AC Frequency	50/60Hz
THDU	<3%(linear load)
Overload Capacity	110%,normal operation; 120%,1 minute
General Parameters	
Degree of Protection	IP21 (Indoor)
Isolation Mode	Transformer isolation
Shutdown Self-discharge	< 0.1%Rated power(without transformer)
Display	LCD
Relative Humidity	0~95%(no condensation)
Noise	< 78dB
Ambient Temperature	-35°C~+60°C(derating above 45°C)
Cooling Mode	Intelligent air-cooled
Altitude	3000m(>3000m reduction)
Communication Interface	RS485/CAN
Dimensions(W*D*H)	1200*1000*2100mm(PCS cabinet)
Weight(approx.)	3400kg
Energy Storage System	
Battery Rated Capacity	215kWh*10
Battery Rated Voltage	832V
Battery Voltage Range	672~864V
Battery Pack Series and Parallel Connection	10P*20S*12S
Adaptive Battery	LFP
Cell Capacity	280Ah
Degree of Protection	IP54
Relative Humidity	0~95%(no condensation)
Noise	< 78dB
Ambient Temperature	-25°C ~ +60°C(derating above 45°C)
Cooling Mode	Intelligent air-cooled
Altitude	3000m(>2000m reduction)
Fire Extinguishing System	Perfluorohexane/heptafluoropropane pipeline fire extinguishing system
Communication Interface	RS485/CAN
Dimensions(W*D*H)	12196*2438*2896mm (Container) ; 800*800*2100mm(CombinerConverter)
Weight(approx.)	27.5t

ENERGY STORAGE CONVERTER



ELECTRICAL WIRING DIAGRAM



PRODUCT DETAILS AND CASES

