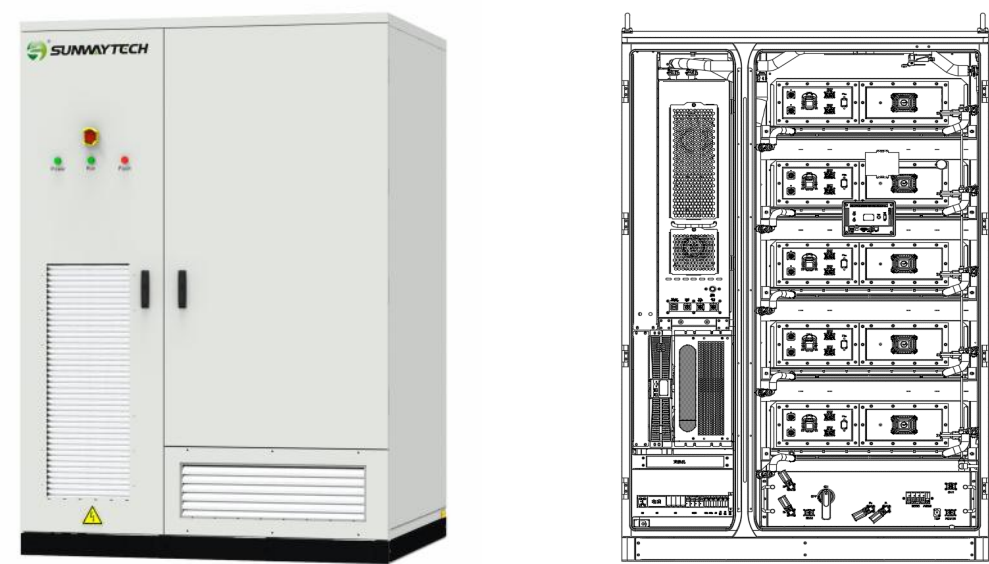


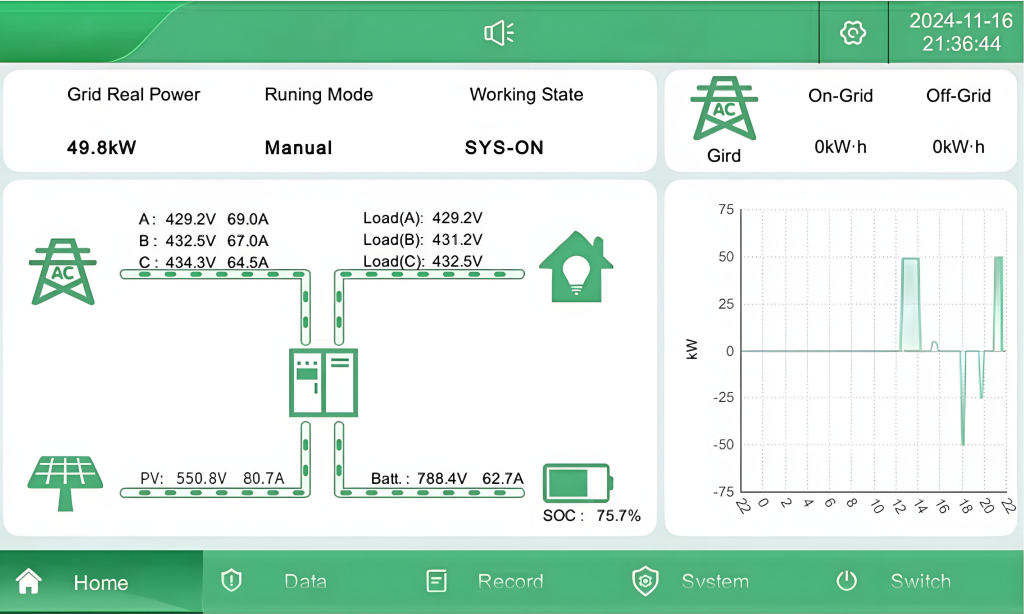
OUTDOOR CABINET ENERGY STORAGE SYSTEM

100KW 232KWH

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.



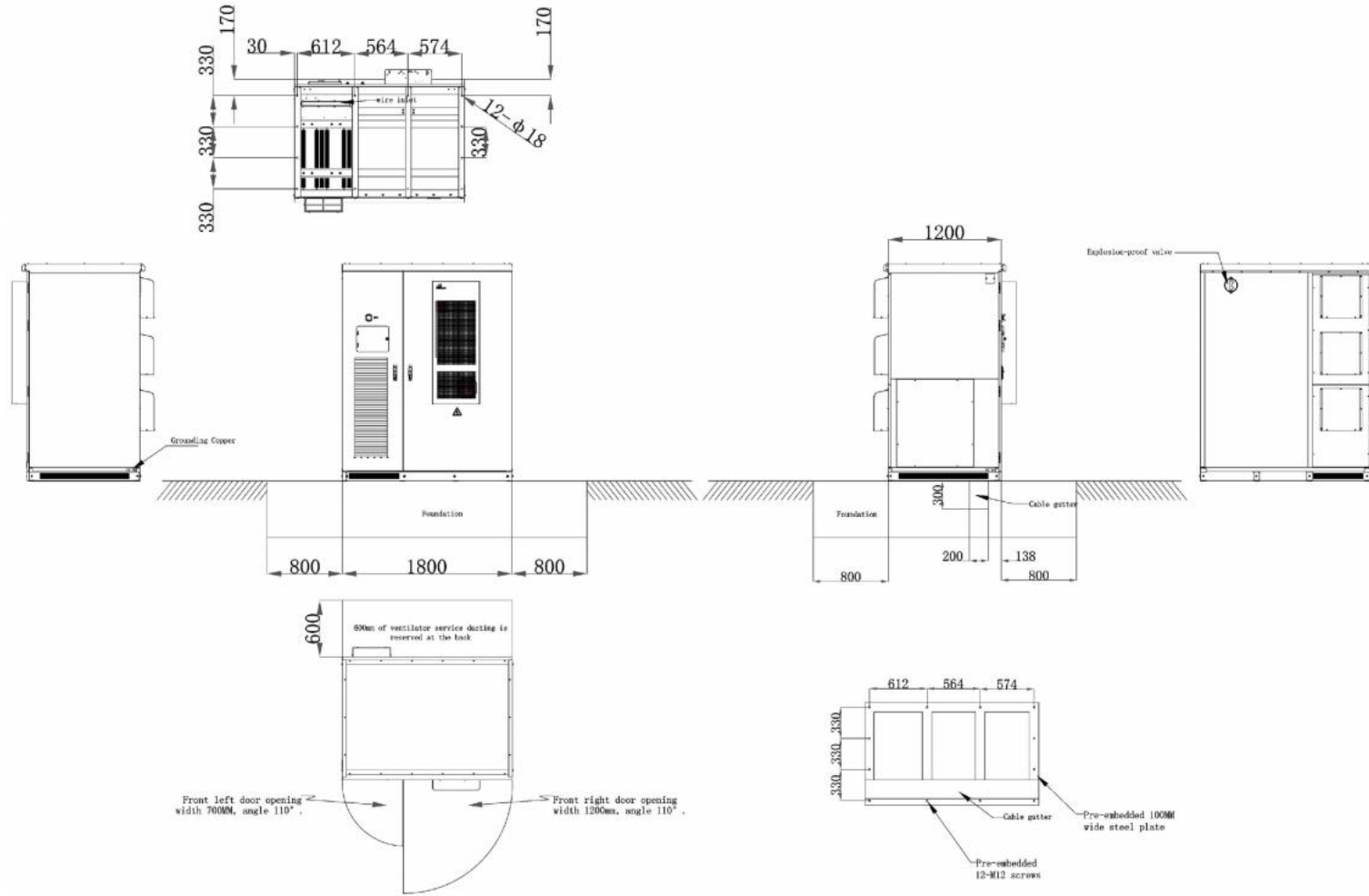
LCD SCREEN DISPLAY



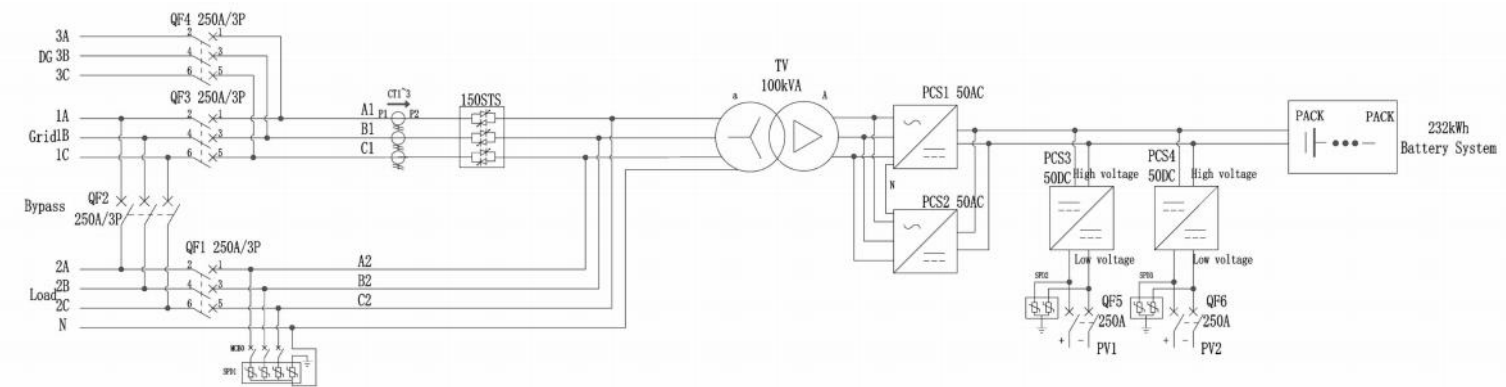
PERFORMANCE PARAMETER

Battery Parameters		SWMonet-100CL
Battery Rated Capacity		232kWh
Battery Rated Voltage		832V
Battery Voltage Range		728V~936V
Battery Type		Lithium iron phosphate battery(LFP)
Battery Cell Capacity		1P*52S*5S
Cell Capacity		280Ah
Max.Charging/Discharging Power		0.5P
Max.Charge/Discharge Current		140A
Photovoltaic Parameters		
Rated Power		100kW
PV Voltage Range		250~500V(MPPT)
PV Max.Current		160A*2
MPPT Quantity		2
AC Parameters		
Rated AC Power		100kw
Rated AC Current		144A
Rated AC Voltage		400V , 3W+N+PE
Rated AC Frequency		50/60Hz
THDi		< 3(Ratedpower)
Power Factor		1 leading to +1 lagging
THDv		<3%(linear load)
Protection Level		IP55
Isolation Mode		Isolation transformer
Shutdown Self-discharge		< 100W(Without transformer)
Display		LCD
Relative Humidity		0~95%(No condensation)
Noise		< 78dB
Ambient Temperature		-25°C~+60°C(Derating above 45°C)
Cooling Mode		Intelligent liquid-cooled
Altitude		3000m(>2000m derating)
BMS Communication		CAN
EMS Communication		Ethernet/485
Dimension(W*D*H)		1600*1350*2300mm
Weight(approx.)		3240kg

ENERGY STORAGE CABINET SIZE



ELECTRICAL WIRING DIAGRAM



PRODUCT DETAILS AND CASES

