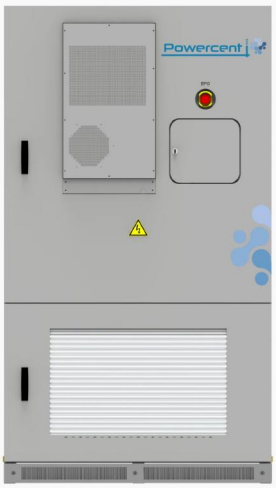
PC-XY Cabinet ESS



Cabinet ESS
柜式储能系统

100 kWh 容量 • 50 kW 功率
100 kWh Capacity, 50 kW Power

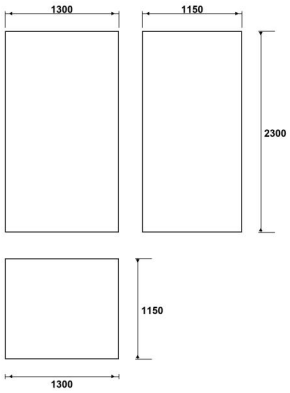
一体式柜机 • 节省占地
All-in-one Cabinet, Space Saving

智能风冷 • 稳定运行
Intelligent Air Cooling, Stable Operation

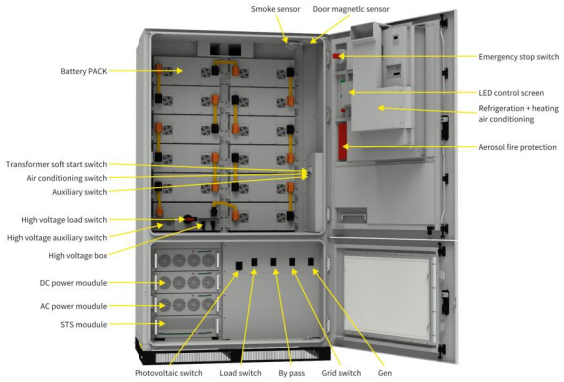
IP54 防护 • 宽温适应
IP54 Protection, Wide Temperature Range

支持扩容 • 通讯灵活
Expandable with CAN Communication

几何尺寸 Dimensions



结构 Structure



参数 Parameter	单位 Unit	XY
电池额定储能容量 Battery Rated Energy Storage Capacity	kWh	100
系统额定电压 System Rated Voltage	V	844.8
电池类型 Battery Type		LiFePO4
电芯容量 Cell Capacity	Ah	120
电池组串并联方式 Battery Pack Series And Parallel Connection		1P24S11S
最大充放电电流 Maximum Charge And Discharge Current	C	0.5
额定交流功率 Rated AC Power	kW	50
额定交流电流 Rated AC Current	A	72
额定交流电压 Rated AC Voltage		400 V, 3W+N+PE / 3W+PE
额定交流频率 Rated AC Frequency	Hz	50 / 60
防护等级 Degree Of Protection		IP54
隔离方式 Isolation Method		Transformer Isolation
关机功耗 Power Consumption During Shutdown		<100 W (Without Transformer)
相对湿度 Relative Humidity		0-95% (No Condensation)
噪音 Noise	dB	<78
环境温度 Ambient Temperature		-25°C ~ 60°C (Derating Above 45°C)
散热方式 Cooling Method		Intelligent Air Cooling
尺寸（宽×深×高） Dimensions (W×D×H)	mm	1300×1150×2300
重量（约） Weight (Approx.)	kg	2000