



HALENSION



About distribution cabinet

Product introduction

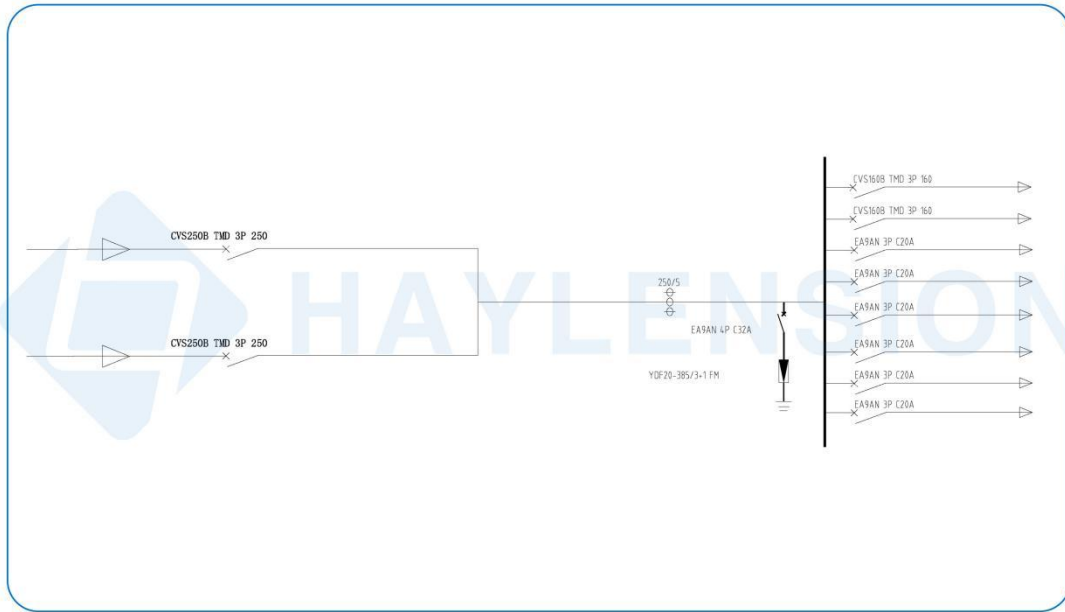


作为不间断电源系统的分配与旁路中心，主要负责 UPS 主机前后端电能的输入分配与输出馈送。其关键特征在于配置了维修旁路功能，允许在不停电的情况下对 UPS 主机进行在线维护，同时为输出端的重要负载提供精细化的支路分配与管理。

As the distribution and bypass center of the uninterruptible power supply (UPS) system, it is mainly responsible for the input distribution and output feeding of electric power at the front and rear ends of the UPS host. Its key feature is the configuration of a maintenance bypass function, which allows online maintenance of the UPS host without power outage, while providing refined branch distribution and management for critical loads at the output end.

Brand components

Product Configuration



产品配置

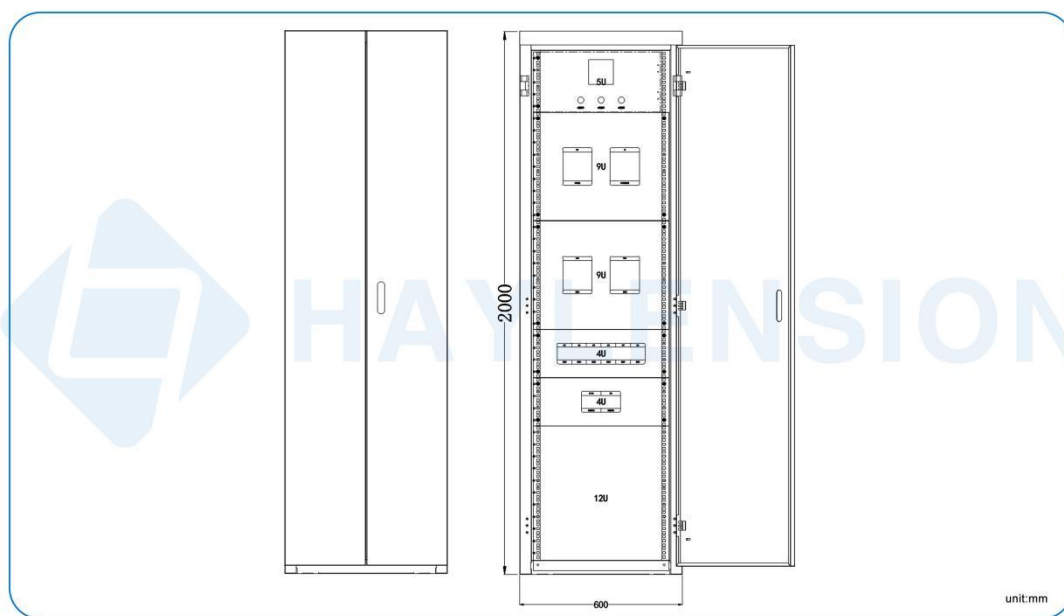
序号	名称	型号	单位	数量	品牌
1	塑壳断路器	CVS250B TMD 3P 250	台	2	施耐德
2	塑壳断路器	CVS160B TMD 3P 160	台	2	施耐德
3	微型断路器	EA9AN 3P C20A	台	6	施耐德
4	防雷开关	EA9AN 4P C32A	台	1	施耐德
5	防雷模块	YDF20-385/3+1 FM 下进线	台	1	
6	智能电量仪	ET903-E1	台	1	
7	BH-0.66 I 系列低压电流互感器 (0.5 级)	BH-0.66 Φ 30 I 250/5 3 匝 0.5 级	台	3	
8	AD16-22B 型指示灯	AD16-22B/r32 & g32 & y32	台	3	
9	熔断器体	RT14-32 6A	台	4	

numner	name	model	unit	Quantity	brand
1	MCCB	CVS250B TMD 3P 250	piece	2	Schneider
2	MCCB	CVS160B TMD 3P 160	piece	2	Schneider
3	MCB	EA9AN 3P C20A	piece	6	Schneider
4	lightning protection	EA9AN 4P C32A	piece	1	Schneider

	switch				
5	lightning protection module	YDF20-385/3+1 FM	piece	1	
6	Intelligent power instrument	ET903-E1	piece	1	
7	BH-0.66 I LV current transformer (0.5)	BH-0.66 Φ 30 I 250/5 3 0.5	piece	3	
8	AD16-22B Indicating light	AD16-22B/r32 & g32 & y32	piece	3	
9	Fuse link	RT14-32 6A	piece	4	

Customized on demand

Product parameters



项目	规格
产品名称	UPS 输入输出柜
产品型号	iSPM
尺寸	W600*D1000*H2000mm (可定制)
颜色	RAL9005
标识方式	丝印/UV 打印/标牌 (可选)
LCD 显示	智能电量仪 (可选)
现场告警方式	声光报警 (可选)
监控协议	Modbus-RTU 协议

通讯接口	2 路 RS485 通讯
主路监控参数	三相电压、电流、频率、零序电流、功率因数、有功功率、无功功率、视在功率、谐波电压、谐波百分比
主路告警项目	三相电压过压、欠压、缺相、三相不平衡
分路监控参数	实时电流、电压、负载百分比、及开关的通断状态
分路报警项目	分路过载预警、分路开路报警
报警干接点	防雷模块故障等，最大 4 路输入告警接入
接地/接零形式	单独的零排和地排
进出线方式	标配上下进出线
双母线系统	可选
机架式 STS	可选
防护等级	IP20/IP21
工作温度	-10-50° C
工作湿度	0-95%
符合标准	GB7251.1-2023 IEC60439-1

project	Specifications
Product name	UPS Input/Output Switchboard
Product model	iSPM
Size	W600*D1000*H2000 (customizable)
Colour	RAL9005
Identification method	Silk screen printing/UV printing/label (optional)
LCD display	Intelligent power instrument (optional)
On site alarm mode	Audible and visual alarm
Monitoring protocol	Modbus-RTU protocol
communication interface	RS485*2
Main circuit monitoring parameters	Three phase voltage, current, frequency, zero sequence current, power factor, active power, reactive power, apparent power, harmonic voltage, harmonic percentage
Main road alarm items	Three phase voltage overvoltage, undervoltage, phase loss and three-phase imbalance
Shunt monitoring parameters	Real time current, voltage, load percentage, and switch on/off status
Shunt alarm items	Shunt overload warning and shunt open circuit alarm
Alarm dry contact	Lightning protection module fault, maximum 4-way input alarm access
Grounding/neutral	Separate zero row and ground row

connection form	
Incoming and outgoing line mode	Standard upper and lower incoming and outgoing lines
Double bus system	Optional
Rack mounted STS	Optional
Degree of protection	IP20/IP21
working temperature	-10-50°C
Operating humidity	0-95%
Compliance with standards	GB7251.1-2023 IEC60439-1

Advantages are often reflected in details

Company and Product Advantages



公司及产品优势

1. 根据客户实际需求定制设计
2. 可搭配 7/10 寸精密型触摸屏，显示各支路开关状态/电流/电压/功率故障/频率等电参数
3. 产品使用优质钣金材料
4. 配电柜内元器件及线材、铜排排布合理美观且规范
5. 专业出系统原理图、柜体设计图，更安心
6. 镀锌方孔立柱：标有清晰刻度，层板可根据实际需求调节，经久耐用
7. 完善的监控系统：能够检测多达 84 条馈线回路和 1 路电源进线的电气参数及谐波等完整信息

8. 多种门型可选：玻璃门、钣金门、网孔门，推荐网孔门，通风散热效果好，不易损坏

- ❖ 1. customized design according to the actual needs of customers
- ❖ 2. it can be equipped with a 7/10 inch precision touch screen to display the switch status/current/voltage/power fault/frequency and other electrical parameters of each branch
- ❖ 3. the product uses high-quality sheet metal materials
- ❖ 4. the arrangement of components, wires and copper bars in the distribution cabinet is reasonable, beautiful and standard
- ❖ 5. professional system schematic diagram and cabinet design drawing, more reassuring
- ❖ 6. galvanized square hole column: marked with clear scale, the laminate can be adjusted according to the actual demand, durable
- ❖ 7. perfect monitoring system: capable of detecting complete information such as electrical parameters and harmonics of up to 84 feeder circuits and 1 power incoming line
- ❖ 8. a variety of door types are available: glass door, sheet metal door, mesh door, mesh door is recommended, with good ventilation and heat dissipation effect and not easy to be damaged