

2021

YB□-40.5 系列 预装式变电站



扫一扫进入



【官方服务号】



【宇宏微官网】

成都宇宏电器有限公司

【原成都宇宏电器研究所】

企业简介 company profiles



成都宇宏电器有限公司（原成都宇宏电器研究所，简称“宇宏电器”，注册商标 yhon 宇宏），始创于 1989 年，原成都电器开关技术研究所，隶属于原地方科委（科技局），系研制和生产 40.5KV 及以下高、低压输配电成套开关设备和控制设备的专业企业。

宇宏电器经过 30 余年的发展，现已成为行业中质量稳定、经营诚信的专业企业。目前年生产能力近亿元，年高低压成套装置数万台。公司拥有先进的激光及数控钣金生产线、壳体表面处理及喷塑涂装协作线、母线数控加工生产线、总装及检测生产线等硬件系统，使产品的实现得到良好可靠的质量

和安全保证。

公司生产的 40.5KV 及以下的高、低压成套开产设备和控制设备，广泛用于全国电力、交通、冶金、化工、建筑、通讯、市政、环保等输配电系统，并远销哈萨克斯坦、俄罗斯等西北亚发展中国家。

----热诚欢迎各届新老朋友光临指导！----

Chengdu Yuhong Electric Appliance Co., Ltd. (formerly Chengdu Yuhong Electric Appliance Research Institute, hereinafter referred to as "Yuhong electric appliance", registered trademark yhon Yuhong), was founded in 1989. The former Chengdu electric appliance switching technology research institute, subordinate to the former local science and Technology Commission (Science and Technology Bureau), is a professional enterprise engaged in the development and production of complete sets of switchgear and control equipment for high and low voltage transmission and distribution of 40.5kV and below.

After more than 30 years of development, Yuhong Electric has become a professional enterprise with stable quality and integrity in the industry. At present, the annual production capacity is nearly 100 million yuan, and the annual high and low voltage complete sets of equipment are tens of thousands. The company has advanced hardware systems such as laser and numerical control sheet metal production lines, shell surface treatment and spray coating cooperation lines, busbar numerical control processing production lines, assembly and inspection production lines, etc., so that the realization of products can get a good and reliable quality and safety guarantee.

The complete set of high and low voltage production equipment and control equipment of 40.5kV and below produced by the company are widely used in national power transmission and distribution systems such as power, transportation, metallurgy, chemical industry, construction, communication, municipal administration and environmental protection, and are exported to developing countries in northwest Asia such as Kazakhstan and Russia.

----Warmly welcome new and old friends from all walks of life to visit and guide!----

品牌、资质、荣誉 Brand, qualification, honor

公司产品均采用国家及国际 IEC 标准进行设计制造，以确保产品质量稳定、运行安全可靠。公司通过 ISO9001 质量体系认证、ISO14001 环境体系认证、ISO45001 职业健康安全体系认证，并被评为 AAA 级信用企业。在行业中率先取得国家强制性“CCC”认证证书，产品多年行业抽查中被授予“质量稳定企业”、“质量合格企业”、“质量维权诚信企业”等证书。公司并与多家国内外品牌供应商达成战略合作，使“宇宏电器”同时取得了良好的品牌效应。



The company's products are designed and manufactured in accordance with national and international IEC standards to ensure stable product quality and safe and reliable operation. The company has passed ISO9001 quality system certification, ISO14001 environmental system certification, ISO45001 occupational health system certification, and has been rated as a AAA credit enterprise. It is the first in the industry to obtain the national compulsory "CCC" certification, and its products have been awarded "Quality Stable Enterprise", "Quality Qualified Enterprise", "Quality Protection Integrity Enterprise" and other certificates in the industry spot checks for many years. The company has also reached strategic cooperation with many domestic and foreign brand suppliers, so that "Yuhong Electric" has achieved a good brand effect at the same time.

YB□-40.5 系列预装式变电站



1、【概述】

本系列变电站系高压侧 40.5kV，低压侧 0.4-12kV 三相交流 50Hz 户外成套设备。普遍适用于城市、乡镇、工厂及油田、码头等场所。也适用于一些建设工地，作为接受转换分配电能之用，具有

成套性强，体积小，安装使用方便，造价低，综合自动化程度高，运行安全可靠等特点。

变电站由高压开关室，低压开关室，继电保护室和变压器室组成。高压开关室，低压开关室，继电保护室可采用铝合金板，钢板制作。铝合金板表面经阳极氧化处理，增强了铝合金板的防腐性能。钢板及钢结构都经磷化处理，复合板具有色彩鲜艳美观，并有隔绝热阳光等特点。

产品执行标准：GB/T17467-2020《高压/低压预装式变电站》。

2、【产品型号及含义】

YB□-40.5/□-□

— 变压器额定容量 (KVA)

— 低压侧额定电压 (KV)

— 高压侧额定电压 (KV)

— 结构特征：M 目字形、P 品字形

— 预装式变电站

3、【正常使用条件】

4.1. 周围环境温度：上限 +40℃，下限 -25℃；

4.2. 海拔不超过 1000 米；

4.3. 垂直倾斜度不超过 5°，无剧烈振动及冲击的场所；

4.4. 相对湿度不大于 90%；



4.5.无导电尘埃、爆炸危险，无腐蚀金属和电器元件的气体存在；

4.6.户外风速不超过 35m/s；

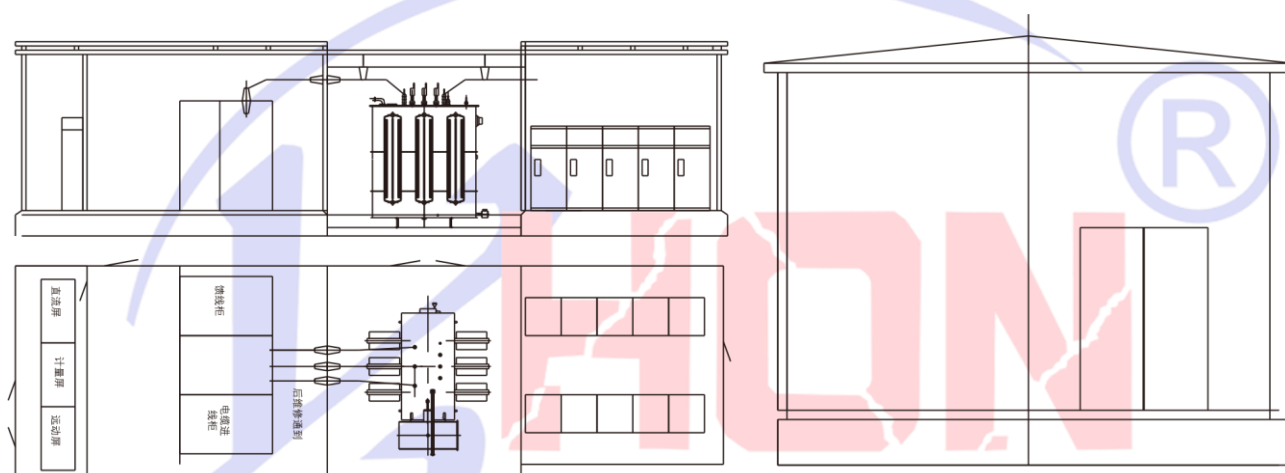
若上述条件不能满足客户环境要求时，可与制造商成都宇宏电器有限公司联系。



3、【基本技术参数】

序号	名称		单位	参数
1	额定电压	高压侧	KV	40.5
		低压侧		12、0.69
		辅助回路	V	110、220、380
2	变压器额定容量		KVA	1250、1600、2000~5000
3	额定频率		Hz	50
4	额定电流	高压侧	A	400~1250
		低压侧		630~4000
5	额定冲击耐受电压		KV	高压侧:185、低压侧: 75
6	额定工频耐受电压	高压侧	KV	95
		低压侧		42、2.5
		辅助回路		2
7	额定短时耐受电流	高压侧	KA	20、25、31.5
		低压侧		25、31.5、40
8	额定峰值耐受电流	高压侧	KA	50、63、80
		低压侧		63、80、100
9	变压器绝缘水平	冲击	KV	185
		工频		65

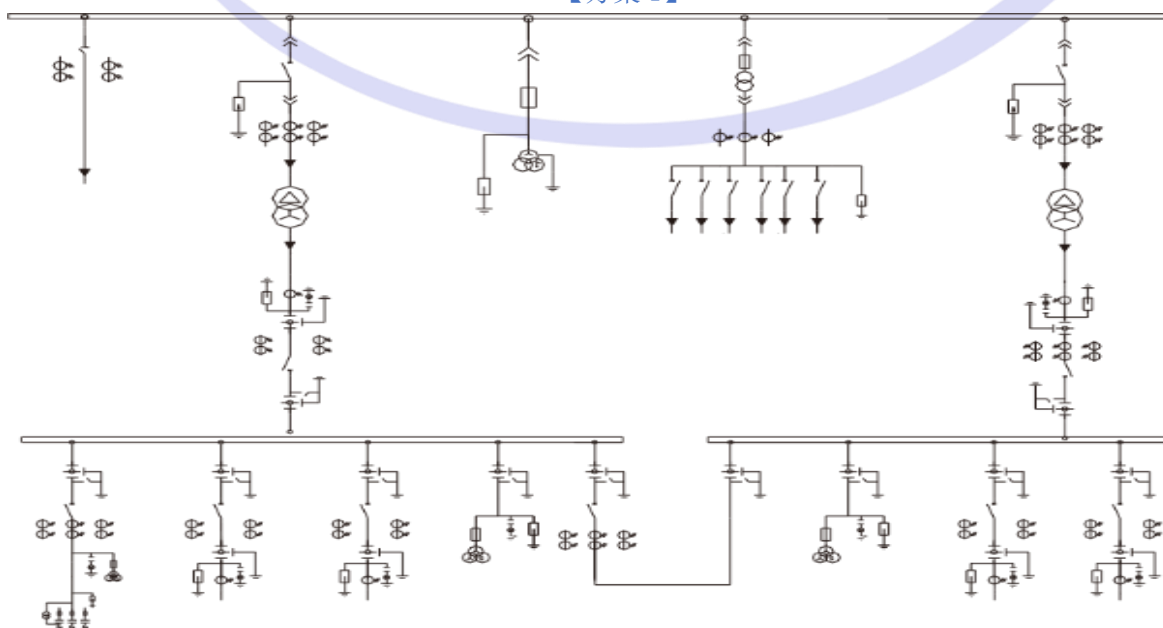
4、平面布置



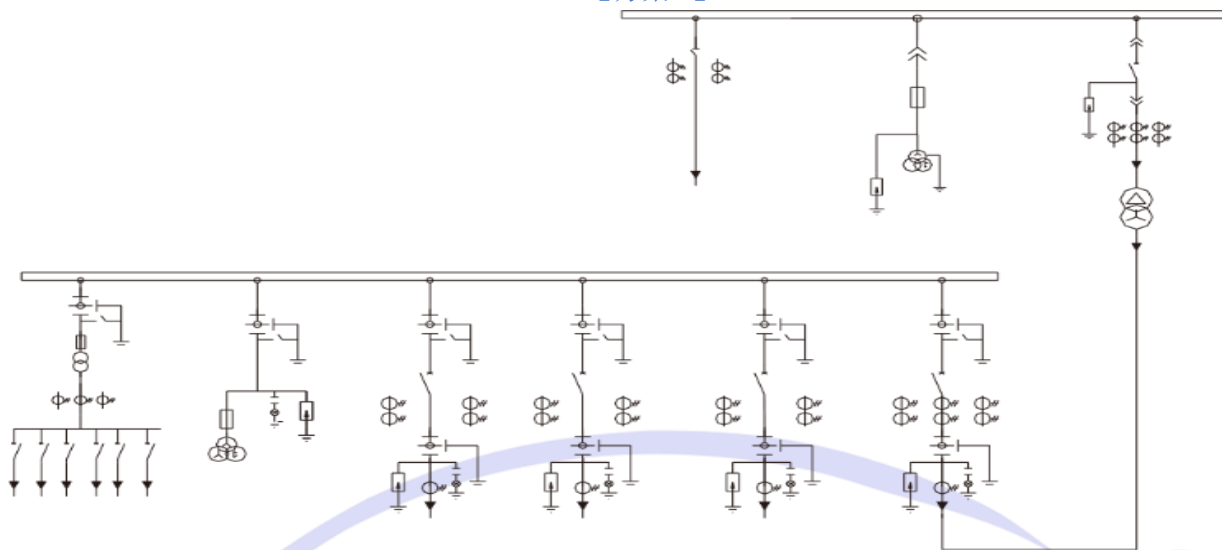
YB□-40.5 预装式变电站平面布置图

4、【YB□-40.5 系列预装式变电站一次接线方案】

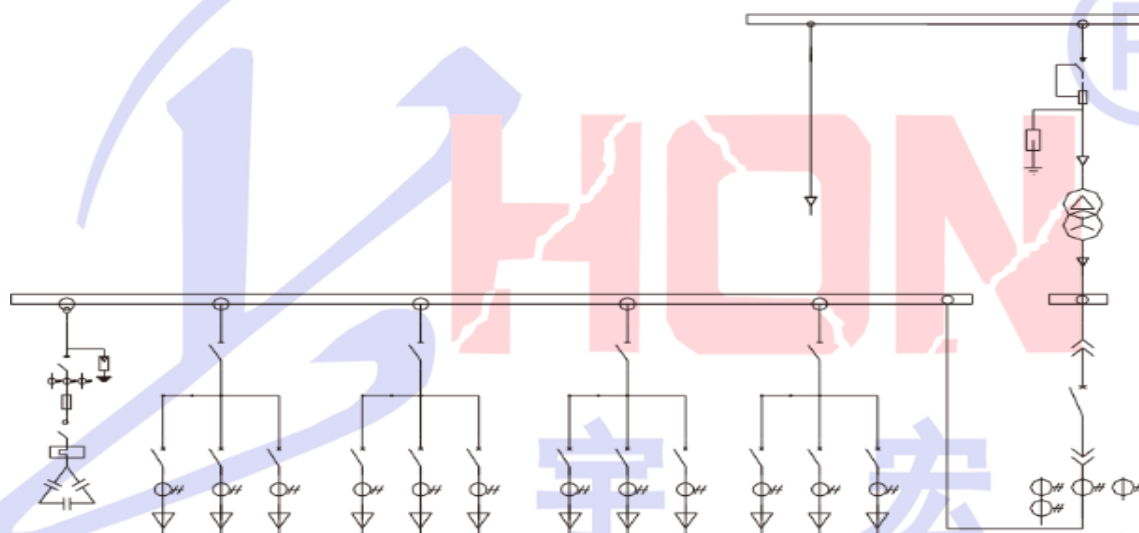
【方案 1】



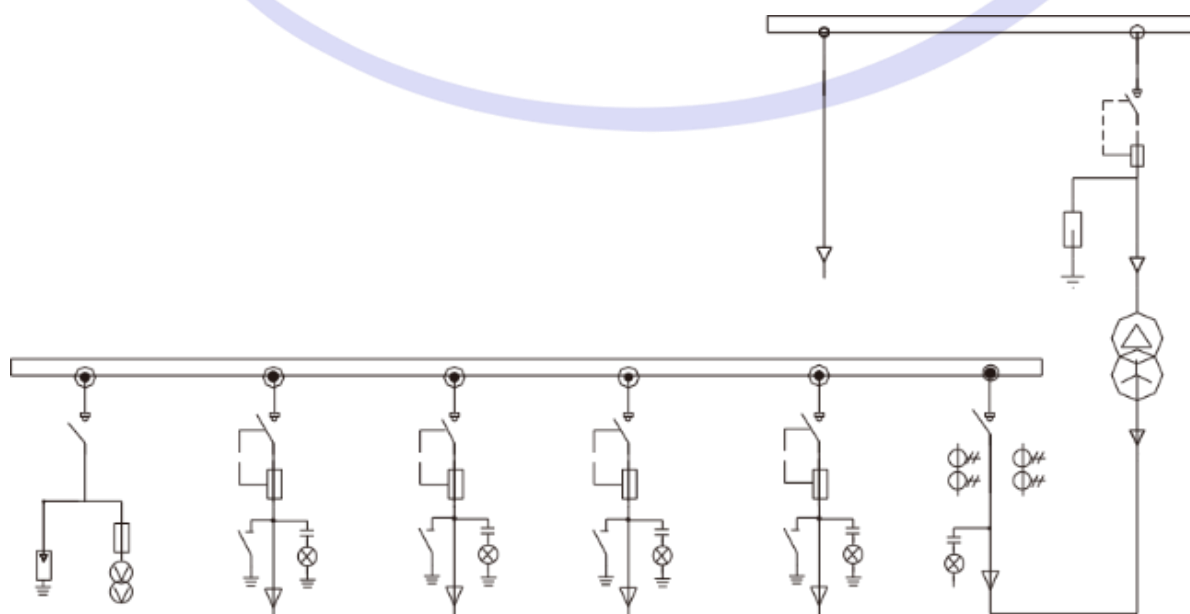
【方案 2】



【方案 3】

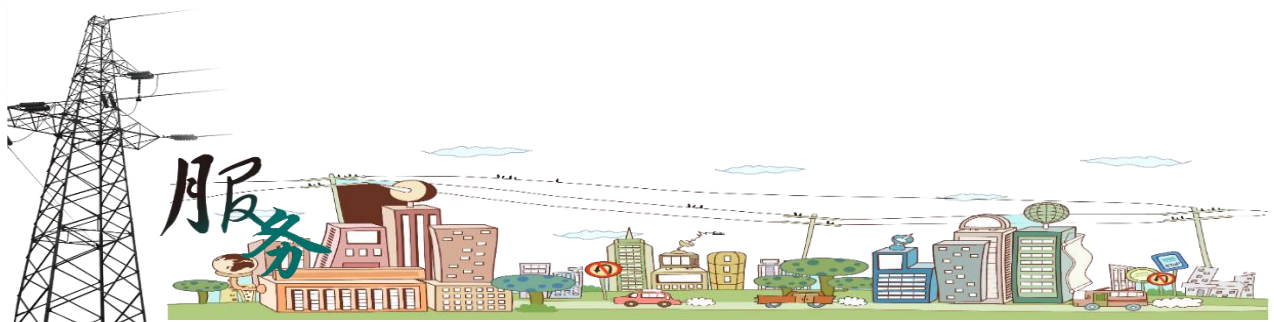


【方案 4】



5、【客户订货时需注明】

- a)断路器型号，名称及订货数量
- b)断路器额定电压，额定电流及额定短路开断电流
- c)额定操作电压
- d)备品，备件的名称及数量
- e)用户若有其他特殊需求，可在订货时说明
- f)产品咨询电话：028-87915777





成都宇宏电器有限公司

Chengdu Yuhong Electric Appliance Co., Ltd

地址：成都市郫都区成都现代工业港南区仁港路 68 号

Address: No. 68, Rengang Road, South District of Chengdu modern industrial port, Pidu District, Chengdu

商务电话：028-87915777、87915111 邮编：611730

Business Tel.: 028-87915777, 87915111 post code: 611730

电子邮件 (E-mail): 1336420436@qq.com

网址 (WEB): <http://www.yhon.com> 微信公众号(WeChat official account): yhon1989