YIBO 以伯®

抗谐波型智能电容器
Harmonic Resistant Smart Capacitor

产品及应用 PRODUCTS APPLICATIONS

- YB系列低压智能集成电力电容器，是我公司开发研制的拥有全部自主知识产权的新一代无功补偿装置，产品通过国家电力工业部无功补偿成套装置质量检验测试中心型式试验检测。
- 产品由电网参数检测模块、可控硅模块（按需）、继电器和保护模块以及电抗器组成一个独立完整的智能补偿单元。真正做到过零投切，满足用户对无功补偿要切实达到提高功率因数、改善电压质量、节能降损的实际需求。具有体积小、无涌流 、无谐波注入、功耗低、接线简便、补偿充分等诸多优点。控制方式采用 RS485 有线组网通讯，极大简化了接线工序，提高了装柜效率。

- The YB series low-voltage intelligent integrated power capacitor is a new generation of reactive power compensation device developed by our company with full intellectual property rights The product has passed the type test inspection of the National Power Industry Ministry's Reactive Power Compensation Complete Device Quality Inspection and Testing Center.
- The product consists of a grid parameter detection module, a thyristor module (optional), relays and protection module, and a reactor to an independent and complete intelligent compensation unit. It ensures zero-crossing switching, meeting users' actual needs for reactive power compensation, such as improving power factor, enhancing quality, and saving energy. It features small size, no inrush current, no harmonic injection, low power consumption, easy wiring, and thorough compensation. The method uses RS485 wired network communication, greatly simplifying the wiring process and improving cabinet installation efficiency.

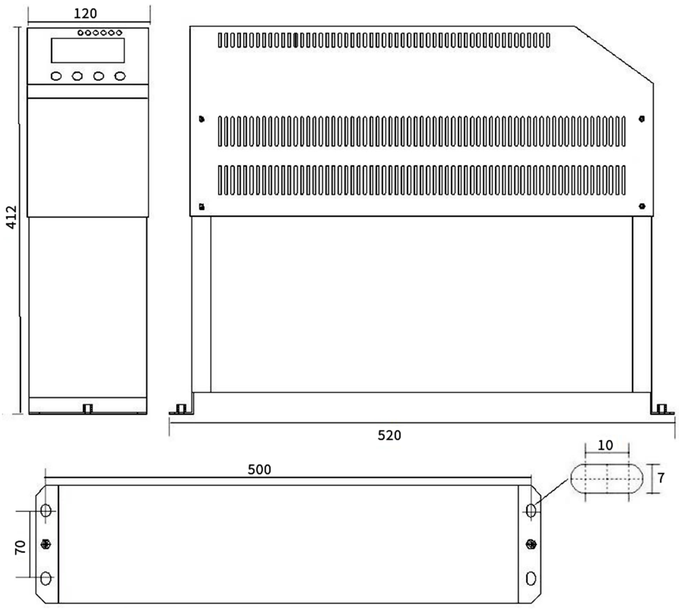
技术参数 SPECIFICATION

1 工作电压：380V/220V±15%
2 额定频率：50Hz±5%
3 控制容量：三相共补△型 最大容量： 20+20Kvar
单相分补Y型 最大容量： 30 Kvar（10×3）
4 绝缘等级：正常大气条件≥10MΩ
5 耐压等级：450V

1 Working voltage: 380V/220V±15%
2 Rated frequency: 50Hz±5%
3 Control capacity: Three-phase common compensation Δ type Maximum capacity: 20+20Kvar
Single-phase shunt Y-type Maximum capacity: 30 Kvar (10×3)
4 Insulation resistance: under normal atmospheric conditions ≥10MΩ
5 Voltage rating: 450V

补偿方式 Compensation method	规格 specifications	额定电压 Rated voltage (v)	外形尺寸 Overall dimensions	固定尺寸 Fixed size
三相共补 Three-phase common compensation	YBC-SX/0.48-10-7%	480	520*120*412	500*70
	YBC-SX/0.48-15-7%	480	520*120*412	500*70
	YBC-SX/0.48-20-7%	480	520*120*412	500*70
	YBC-SX/0.48-25-7%	480	520*120*412	500*70
	YBC-SX/0.48-30-7%	480	520*120*412	500*70
	YBC-SX/0.48-35-7%	480	520*120*412	500*70
	YBC-SX/0.48-40-7%	480	520*120*412	500*70
	YBC-SX/0.48-50-7%	480	518*154*475	498*95
分相补偿 Phase-separated compensation	YBC-FX/0.28-5-7%	280	520*120*412	500*70
	YBC-FX/0.28-10-7%	280	520*120*412	500*70
	YBC-FX/0.28-15-7%	280	520*120*412	500*70
	YBC-FX/0.28-20-7%	280	520*120*412	500*70
	YBC-FX/0.28-25-7%	280	520*120*412	500*70
	YBC-FX/0.28-30-7%	280	520*120*412	500*70
	YBC-FX/0.28-40-7%	280	518*154*475	498*95
控制器 Controller	智能电容综合监控仪 Intelligent Capacitor Comprehensive Monitor	开孔尺寸：138*138 Hole size		液晶+LED灯显示 Liquid crystal LED light display

外型尺寸 HOUSING AND DIMENSIONS:（MM）



外形尺寸：520X120X412(LXWXH) 固定孔尺寸： 500X70 单位：mm