

FOCUSING ON POWER QUALITY.
PROFESSION, CONCENTRATION.

DIRECT SIKES

Power Transformers / Harmonic Filter / Sine Wave Filter / EMC Filter/
Reactor / Regenerative Brake / Braking Chopper / Power Braking Resistor/
Load test for generator, electric vehicle driver, motor controller, charging
station etc.

Stainless Steel Resistor Cabinet

Whole product portfolios of power braking solution can be offered.



We are developing and producing in China for the world.



GUANGDONG SIKES Electric Co.,Ltd.

SIKES
18 YEARS OF
SUCCESS

Stainless Steel Resistor Cabinet 不锈钢电阻柜

不锈钢电阻柜
Stainless Steel Resistor Cabinet



Product Profile 产品简述

The STC series resistor cabinet are assembled with Stainless Steel resistors and cold rolled cabinet ,it can be suitable for rugged applications with very high power rating. This resistor cabinet is designed for heavy duty and harsh conditions such as elevators, cranes or for braking of big electrical motors. This type has capability to withstand fullload for a long time without any damage. Furthermore the power limits indicated ensure that the temperature doesn't damage other components nearby. It also ensures stability and reliability.

STC系列不锈钢电阻柜采用不锈钢电阻器、冷轧板机箱,适用于结构强度要求高及额定功率非常高的制动应用。该不锈钢电阻柜适用于重型和恶劣条件,如电梯,起重机或大型电动机制动。这种不锈钢电阻柜能够长时间满载运行而不会造成任何损坏。此外,指示的功率限制确保温度不会损坏附近的其他组件。它还确保稳定性和可靠性。

Key Features 主要特点

Long term high stability and reliability	长期运行高稳定性和可靠性
Small thermal drift	热漂移小
High power ratings(up to 210KW) and large current value application	高额定功率 (高达210KW) 和大电流值应用
Terminals suitable for soldering or bolt connection	端子适用于焊接或螺栓连接

Application 应用

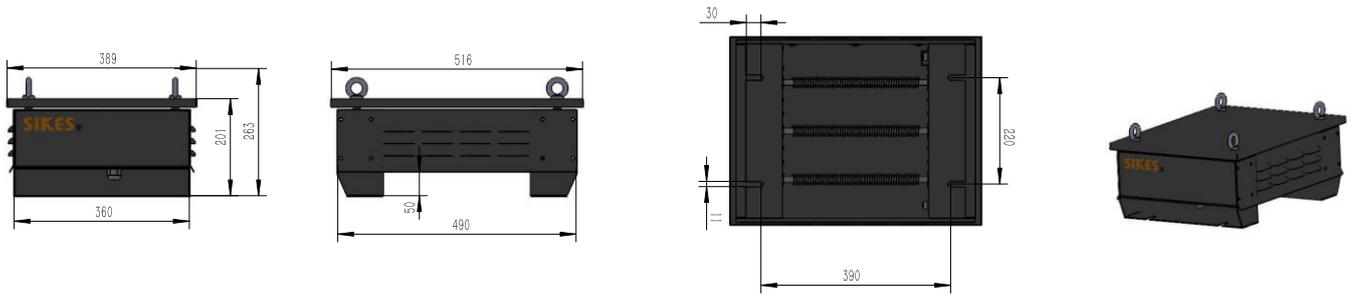
Inverter braking equipment or motors	变频器制动设备或电机
Testing load	测试负载
Crane systems, various steel mill applications	起重机系统, 各种钢厂应用
Elevator, lift systems, available through distribution	电梯, 电梯系统, 起重机,塔吊等
Transit applications	/

Characteristics of this series 本系列的特点

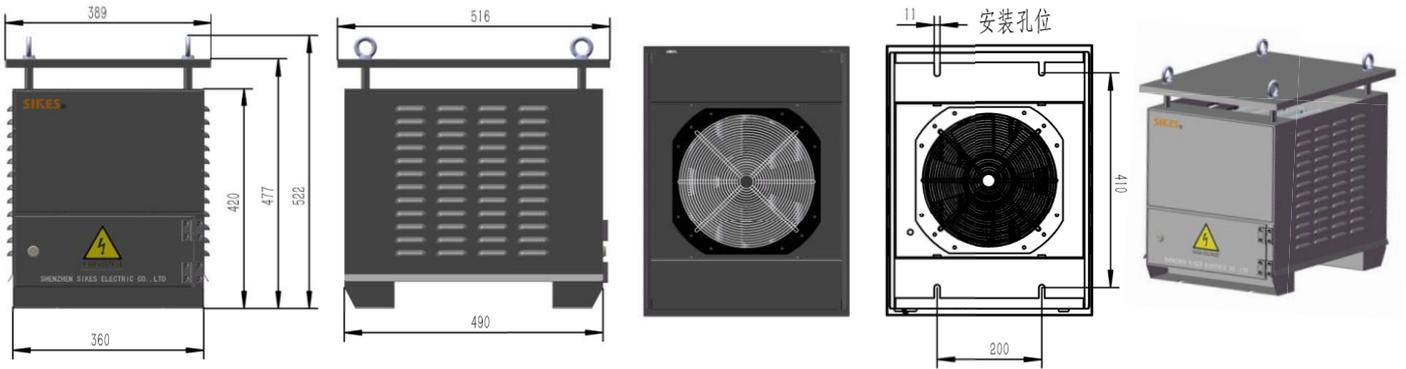
Rated power	6KW to 210KW
Resistance values	From 0.1Ω to as high as 10 KΩ (others on request)
Resistors	304 stainless steel resistor
Enclosure material	Galvanized sheet
Rated Temperature Rise	550°C
Insulation Resistance	100MΩ (500V 25°C 75% relative humidity)
Dielectric strength	2.5KV 50Hz 1min(25°C 75% relative humidity)
IP protection	IP20, IP23, IP54, IP64 or as required
Temperature Coefficients	25, 50, 100 and 400ppm/°C

额定功率	6KW至210KW
阻值	从0.1Ω到高达10KΩ
电阻器	304不锈钢封装
机箱材质	镀锌板
额定温升	550°C
绝缘电阻	100MΩ (500V 25°C, 75%相对湿度)
介电强度	2.5KV 50Hz 1min (25°C 75%相对湿度)
IP等级	IP20, IP23, IP54, IP64或根据需要
温度系数	25, 50, 100和400ppm /°C

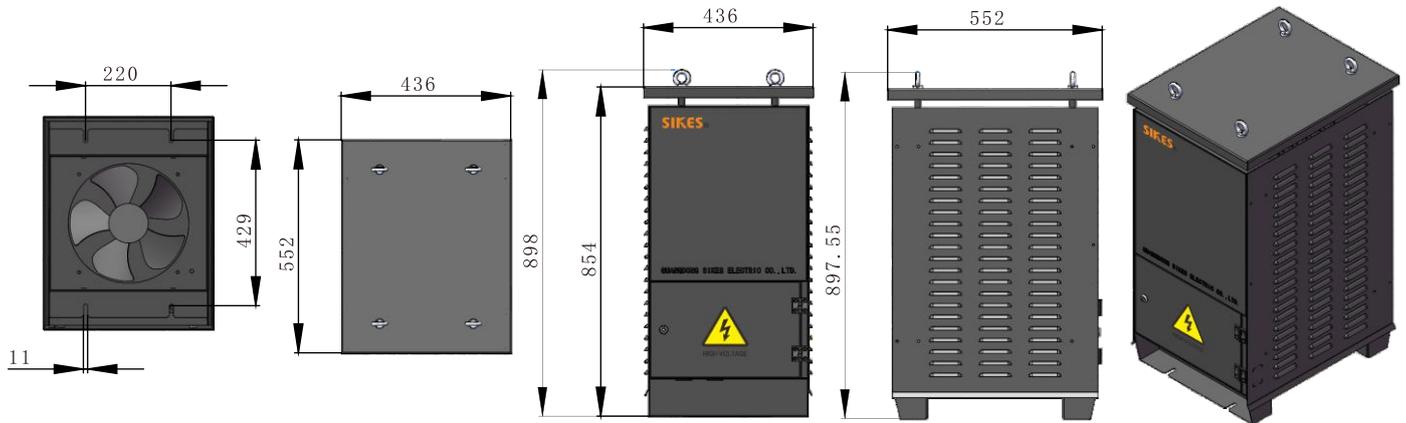
Product Size 产品尺寸图



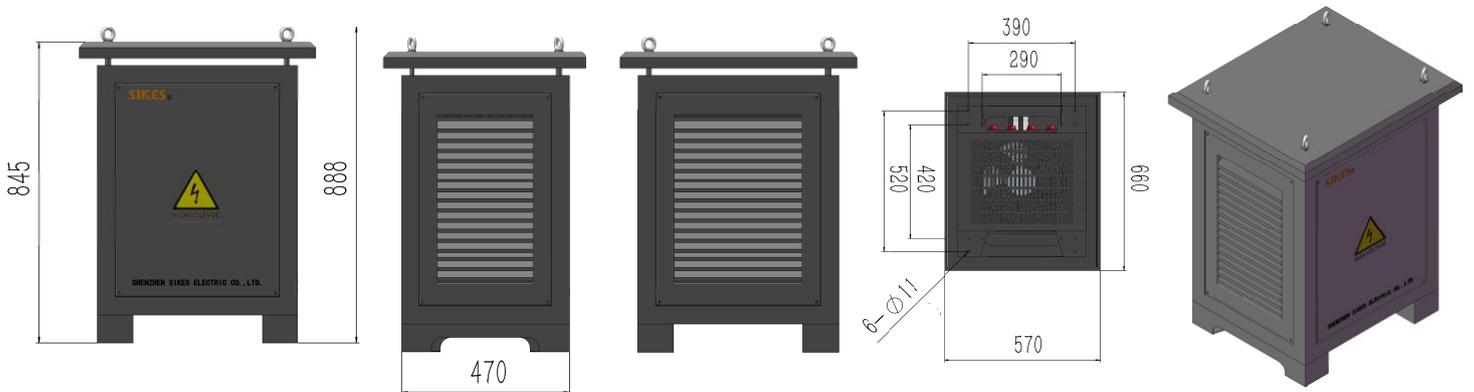
Picture A



Picture B

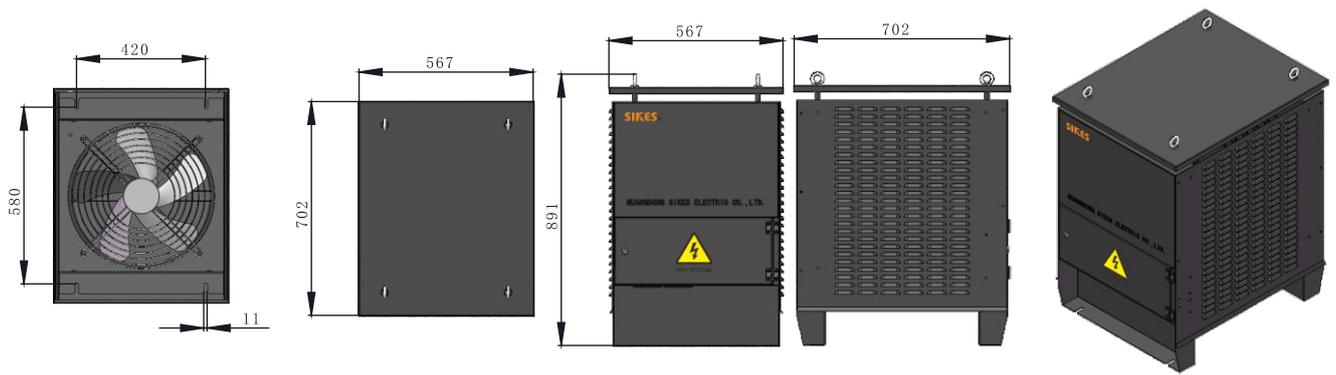


Picture C

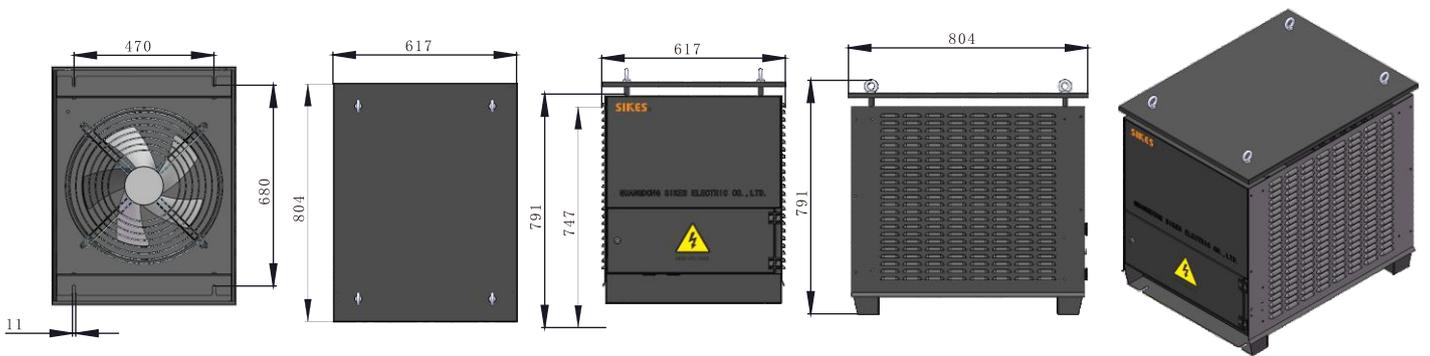


Picture D

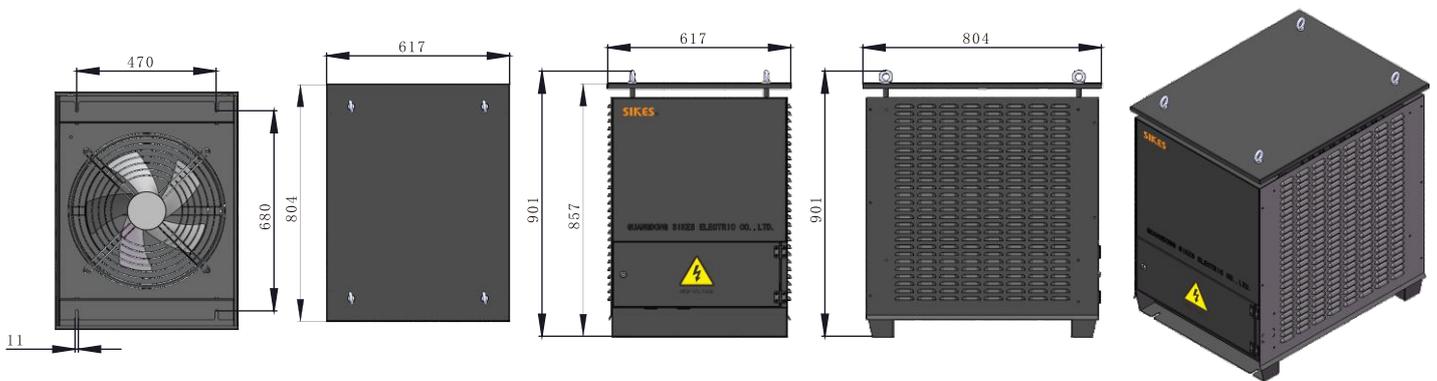
Product Size 产品尺寸图



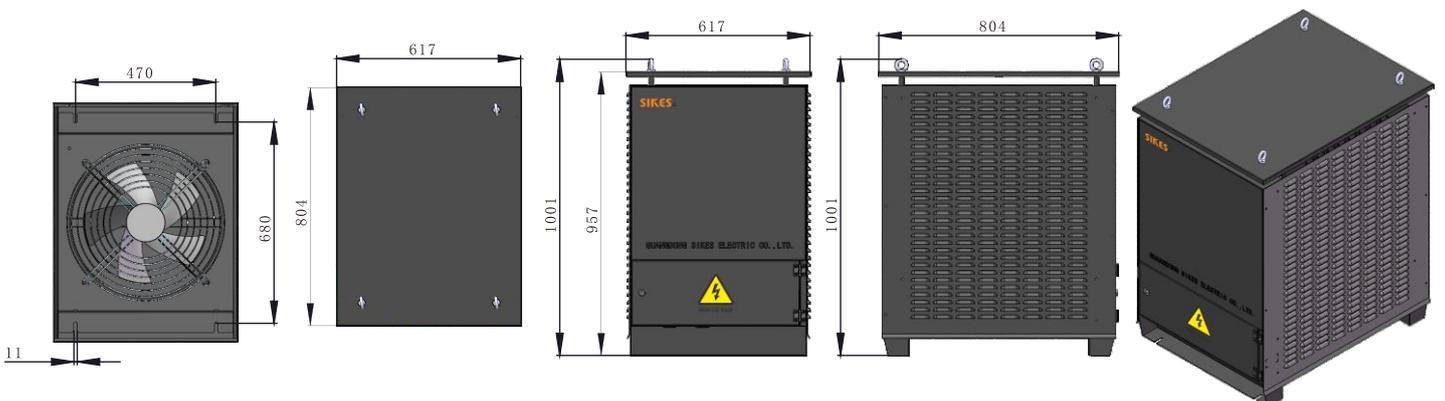
Picture E



Picture F

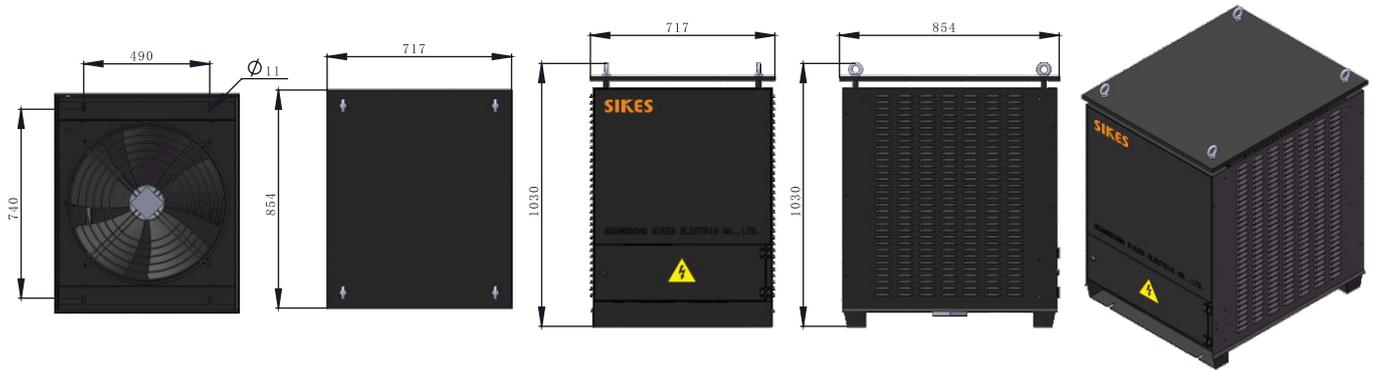


Picture G



Picture H

Product Size 产品尺寸图



Picture I

Selection Table 选型表

Type 规格	Rated Power 功率(Kw)	Picture NO. 图号	IP Class IP等级	Weight 重量(Kg±10%)	Resistance Range 阻值范围(Ω)	Dimensions 尺寸(mm)
SKS-STC-6KW/XR	6	A (STC-01-E3)	IP54	12.90	1Ω-1KΩ	390*515*263
SKS-STC-7KW/XR	7		IP54	13.45	1Ω-1KΩ	390*515*263
SKS-STC-8KW/XR	8		IP54	14.00	1Ω-1KΩ	390*515*263
SKS-STC-9KW/XR	9		IP54	14.55	1Ω-1KΩ	390*515*263
SKS-STC-10KW/XR	10		IP54	15.10	1Ω-1KΩ	390*515*263
SKS-STC-12KW/XR	12	B (STC-02-E2)	IP54	26.60	1Ω-1KΩ	390*515*522
SKS-STC-15KW/XR	15		IP54	28.25	1Ω-1KΩ	390*515*522
SKS-STC-18KW/XR	18		IP54	29.90	1Ω-1KΩ	390*515*522
SKS-STC-20KW/XR	20	C (STC-03-E3)	IP54	31.00	1Ω-1KΩ	390*515*522
SKS-STC-25KW/XR	25		IP54	46.20	1Ω-1KΩ	436*552*898
SKS-STC-28KW/XR	28		IP54	48.00	1Ω-1KΩ	436*552*898
SKS-STC-30KW/XR	30		IP54	49.00	1Ω-1KΩ	436*552*898
SKS-STC-35KW/XR	35		IP54	50.00	1Ω-1KΩ	436*552*898
SKS-STC-40KW/XR	40	E (STC-04-E1)	IP54	71.00	0.4Ω-1KΩ	567*702*891
SKS-STC-50KW/XR	50		IP54	76.50	0.2Ω-1KΩ	567*702*891
SKS-STC-60KW/XR	60		IP54	80.00	0.2Ω-1KΩ	567*702*891
SKS-STC-65KW/XR	65	F (STC-04-E3)	IP54	80.50	0.2Ω-1KΩ	617*804*791
SKS-STC-70KW/XR	70		IP54	85.00	0.2Ω-1KΩ	617*804*791
SKS-STC-80KW/XR	80		IP54	92.00	0.1Ω-1KΩ	617*804*791
SKS-STC-90KW/XR	90		IP54	95.00	0.1Ω-1KΩ	617*804*791
SKS-STC-100KW/XR	100		IP54	96.00	0.1Ω-1KΩ	617*804*791
SKS-STC-110KW/XR	110	G (STC-05-E4)	IP54	160.0	0.1Ω-1KΩ	617*804*901
SKS-STC-120KW/XR	120		IP54	163	0.1Ω-1KΩ	617*804*901
SKS-STC-130KW/XR	130		IP54	166	0.1Ω-1KΩ	617*804*901
SKS-STC-140KW/XR	140	H (STC-05-E3)	IP54	168	0.1Ω-1KΩ	617*804*1001
SKS-STC-150KW/XR	150		IP54	171	0.1Ω-1KΩ	617*804*1001
SKS-STC-160KW/XR	160		IP54	174	0.1Ω-1KΩ	617*804*1001
SKS-STC-170KW/XR	170	I (STC-06-E1)	IP54	171	0.1Ω-1KΩ	717*854*1030
SKS-STC-180KW/XR	180		IP54	173	0.1Ω-1KΩ	717*854*1030
SKS-STC-190KW/XR	190		IP54	176	0.1Ω-1KΩ	717*854*1030
SKS-STC-200KW/XR	200		IP54	179	0.1Ω-1KΩ	717*854*1030
SKS-STC-210KW/XR	210		IP54	181	0.1Ω-1KΩ	717*854*1030