

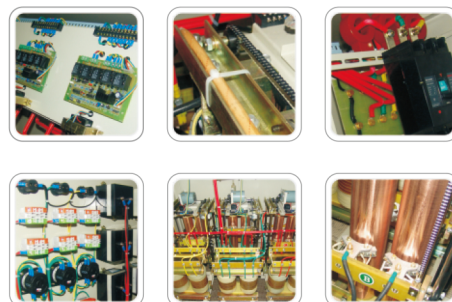
# STB THREE

## PHASES INDIVIDUAL CONTROL Series

COMPENSATED POWER VOLTAGE REGULATOR



STB-33-400KVA



### OUTLINE & PACKING

MODEL	STB-33-400KVA
OUTPUT POWER(KVA)	400
OUTLINE(CM)	2000*1230*13060
NET WEIGHT(KG)	980

### SPECIFICATIONS:

INPUT VOLTAGE	Three phase:304V-456V / 323V-437V Single phase:176V-264V / 187V-253V
OUTPUT VOLTAGE	Single phase :220V Three phases :380V
OUTPUT DEVIANCE	1-5% Adjustable
FREQUENCY	50HZ~60HZ
EFFICIENCY	≥95%
RESPONSE TIME	≤1.5S
AMBIENT TEMPERATURE	-10℃~+40℃
INSULATION RESISTANCE	≥5MΩ
OVERLOAD	DOUBLE RETED CURRENT,ONE MIN
WAVEFORM DISTORTION	NON-LACK FIDELITY WAREFORM
PROTECT	OVERVOLTAGE、OVERCURRENT、LACK PHASES



## Technical Parameters

1	Type		STB-33
2	Capacity		400KVA
3	Input voltage	Circuit breaker	630A
		Phase	Three Phase
		Voltage	304-456v (L1+L2+L3+N)
4	Output voltage	Frequency	50/60Hz
		Phase	Three Phase
		Voltage	380V(L1+L2+L3+N)
		Frequency	50/60Hz
5	Rated output current		486A
6	Voltage Accuracy		±1-5% V Adjustable(Factory set±2%)
7	Control principle		Independent regulation for three phase
8	Certificates		CE,ROHS,SGS,ISO,CQC
9	Display		LCD touch screen
10	Response time		< 10ms
11	Heat Efficiency		≥98%(on full load)
12	Insulation strength		2500V/Min
13	Insulation Class		H class (200 degree C)
14	Wave form Distortion		No distortion (Nil)
15	Connection method		Star/Star
16	Cooling method		Air cooling/ Fan system cooling
17	Resist electric strength		2500VAC/min
18	Noise		≤30db (exclude forced air cooling system)
19	Temperature Rise		≤75℃
20	cabinet		IP20
21	Environment	Ambient	-20~55℃
		Related	10~90%
		Altitude	<2000M
22	dimension (mm)		2000(H)*1230(W)*13060(D)
23	weight (kgs)		980
24	Warranty		12 months
25.Protection Function	Over/under voltage protection		When the input voltage exceeds the value of over/under voltage, the stabilizer will protect
	Over current		When the current exceeds the rated value, automatically cut off the input
	Overload and short circuit protection		When the load exceeds the overload value or short circuit of the equipment, it can cut off the power supply within the specified time;
	Position Limitation Protection		When the brush is running over the area, automatically stop adjustment;
	Bypass function		manual bypass, when the voltage stabilizer needs maintenance or in failure, the switch can be manual controlled
	Effective sampling circuit control		High accuracy, good sensitivity, frequency characteristic measurement, good rate, high input impedance, low output impedance, wide range and low power consumption power supply
	Circuit Function		When the sampling voltage is lower than the lower reference voltage or higher than the upper limit voltage, the brush will automatically return to the center;
	Temperature protection		Three phase Over temperature protection protection
Warning		With alarm	