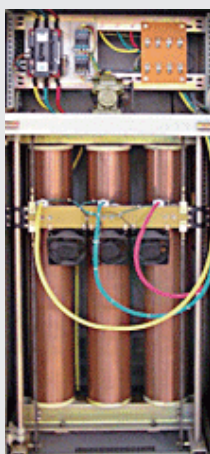


**1**



**Voltage regulators (High power)**

**General**

TEDGZ and TESGZ series single - phase and three-phase high power post type voltage regulator is a kind of new product developed and de signed by our company according to the market demand, to satisfy users' demands.

The waveform of output voltage of this voltage regulator will not distort ( distortion rate increment of the output voltage waveform is <1%), adopts electric operating mechanism, it can be closed remote control , to reduce work intensity, and the output voltage can be adjusted from zero. Besides, it also has advantages of strong instantaneous overload capability, no-load current, no-load low consumption, high efficiency, low noise, long service life , etc . It is suitable for various inductive, capacitive and resistive loads.

**Application**

Widely applied to scientific research field, communication system, test equipment, light adjusting and rectification equipment, etc.

**Service conditions**

- Altitude should not exceed 1,000m;
- Ambient air temperature should not exceed 40°C, the highest daily mean temperature is +30°C, the highest yearly mean temperature is +20°C, the lowest temperature is -5°C;
- Waveform of supply voltage approximates to sine wave.
- Relative humidity: average relative humidity of the dampest month is 90% below, meanwhile, the lowest average temperature of this month is +25°C;
- Installation place exists without gas, steam, dust, dirt, chemical deposition or other explosive or corrosive medium that will affect regulator's insulation seriously;
- Can not be operated in parallel;
- Used indoors.

**Model**

TE □ G Z - □  
1 2 3 4 5

- 1: Electric voltage regulation;
- 2: Single-phase, S: three-phase;
- 3: Dry type;
- 4: Post type;
- 5: Rated capacity KVA.

Rated apacity (KVA)	Phase no.	Rated frequency (Hz)	Rated input voltage(V)	Range of output voltage(V)	Rated output current(A)	Outline size(W*L*H)mm
16	1	50	220	0~250	64	500*600*1500
20					80	500*600*1500
25					100	500*600*1500
32					128	600*630*1500
40					160	600*630*1500
50					200	600*630*1500
63					252	700*1200*1700
80					320	700*1200*1700
100					400	700*1200*1700
125					500	700*1200*1700
25					3	50
32	43	650*570*1650				
40	53	700*630*1700				
50	67	700*630*1700				
62	84	700*630*1700				
80	107	700*1200*1700				
100	134	700*1200*1700				
125	168	700*1200*1700				
160	215	1200*1500*1700				
200	269	1200*1500*1700				