

VOLTAGE REGULATOR

TDGC,TSGC,TDGC2,TSGC2 series voltage regulator



TDGC



TDGC2



TSGC

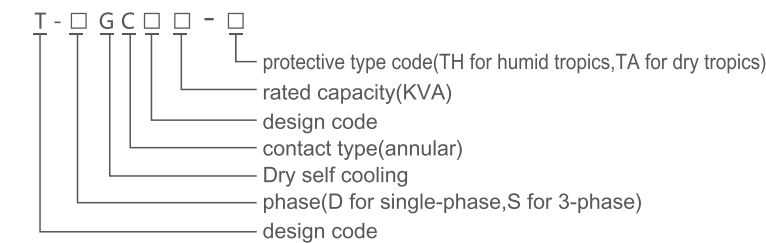


TSGC2

Application

The voltage regulator features undistorted waveform, compact size, lightweight, high efficiency, user-friendly operation, and reliable long-term performance. It is widely applicable in industrial sectors (e.g., chemical, metallurgy, instrumentation,electromechanical manufacturing, light industry),scientific research, public facilities, and household appliances to achieve voltage regulation, temperature control, speed adjustment, lighting dimming, and power control. As an ideal AC voltage regulation power supply product, it complies with the JB/T 8749.3 standard.

Model No.



Normal operation and install condition

- 3.1 Amibent average temperature:-5°C~+40°C
- 3.2 Altitude:not exceed 2000m
- 3.3 Humidity: MAX humidy is 90%,average temperature is 25°C.
- 3.4 Current voltage waveform:current voltage wave is closed to sine wave.
- 3.5 Install location:without gas,steam,chemical dust and other explosive or corrosive medium which influences the insulation of regulator.
- 3.6 Locatio:without obvious vibration.
- 3.7 If any special requirement,please consult with us.

Specification

Table1

Model No.	Rated output capacity (KVA)	Phase	Input voltage (V)	Output voltage (V)	Max output current(A)
TDGC-0.5kVA	0.5	1	220	0~250	2
TDGC-1kVA	1	1	220	0~250	4
TDGC-2kVA	2	1	220	0~250	8
TDGC-3kVA	3	1	220	0~250	12
TDGC-5kVA	5	1	220	0~250	20
TDGC-10kVA	10	1	220	0~250	40
TDGC-15kVA	15	1	220	0~250	60
TDGC-20kVA	20	1	220	0~250	80
TSGC-1.5kVA	1.5	3	380	0~430	0.6
TSGC-3kVA	3	3	380	0~430	4
TSGC-6kVA	6	3	380	0~430	8
TSGC-9kVA	9	3	380	0~430	12
TSGC-15kVA	15	3	380	0~430	20
TSGC-20kVA	20	3	380	0~430	26.7
TSGC-30kVA	30	3	380	0~430	40

Appearance

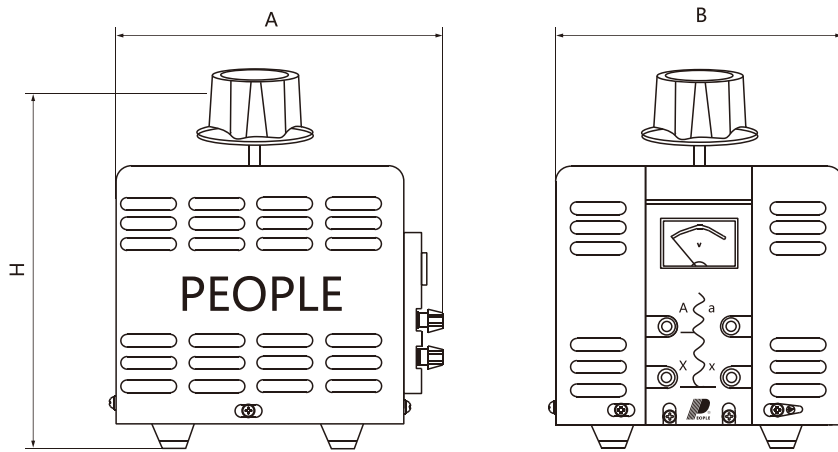


Fig1

Table2

Model No.	shape(AxBxH mm)	Model No.	shape(AxBxH mm)
TDGC-0.5kVA	150×130×175	TDGC2-0.5kVA	150×125×140
TDGC-1kVA	205×190×220	TDGC2-1kVA	200×175×180
TDGC-2kVA	240×235×220	TDGC2-2kVA	210×175×204
TDGC-3kVA	275×265×220	TDGC2-3kVA	230×210×205
TDGC-5kVA	380×355×250	TDGC2-5kVA	290×245×255
TDGC-10kVA	380×355×505	TDGC2-10kVA	330×255×370
TDGC-15kVA	440×350×580	TDGC2-15kVA	320×245×570
TDGC-20kVA	440×360×580	TDGC2-20kVA	-
TSGC-1.5kVA	-	TSGC2-1.5kVA	145×125×350
TSGC-3kVA	205×190×535	TSGC2-3kVA	210×175×470
TSGC-6kVA	240×235×540	TSGC2-6kVA	210×180×490
TSGC-9kVA	280×265×545	TSGC2-9kVA	230×215×500
TSGC-15kVA	390×345×580	TSGC2-15kVA	310×245×565
TSGC-20kVA	390×350×585	TSGC2-20kVA	-
TSGC-30kVA	440×350×1100	TSGC2-30kVA	-