

TDGC₂.TSGC₂

VOLTAGE REGULATOR



General

Voltage regulator is the autoconnected transformer that the turn ratio can be adjusted continuously. When turning the hand, it slides on the polished surface of the coil with the aid of the moveable brush to change the turn ratio. So then the output voltage can be adjusted smoothly from zero to the maximum value.

Application

Series TDGC2 and TSGC2 are provided with many characteristics. Such as undistorted waveform, small volume, light weight, high efficiency and reliable operation and so on. These can be widely used for regulating voltage, controlling temperature, regulating speed, adjusting light and controlling power in chemical industry, metallurgy, instrument, machine manufacture, light industry, scientific experiment, public facilities and household appliances. These series products are divided into new and old types.

Performance

	TDGC2	TSGC2
Model	TDGC2	TSGC2
Input Voltage	220V	380V
Output Voltage	0-250V 0-300V	0-430V 0-500V
Frequency	50Hz/60Hz	
Efficiency	> 90%	
Dielectric Strength	2000V/min	

Model and spec

Model	Size D x W x H (cm)	Weight (kg)	Model	Size D x W x H (cm)	Weight (kg)
TDGC2-0.2kVA	12 x 11 x 12	3	TSGC2-0.6kVA	15 x 11 x 33	9
TDGC2-0.5kVA	14 x 13 x 13	4	TSGC2-1.5kVA	17 x 13 x 34	12
TDGC2-1kVA	20 x 18 x 18	6.5	TSGC2-3kVA	27 x 18 x 42	21
TDGC2-2kVA	20 x 18 x 20	9	TSGC2-6kVA	27 x 18 x 46	27
TDGC2-3kVA	22 x 20 x 20	11	TSGC2-9kVA	28 x 20 x 48	36
TDGC2-5kVA	31 x 24 x 24	16	TSGC2-15kVA	31 x 24 x 56	52
TDGC2-10kVA	31 x 24 x 41	37	TSGC2-20kVA	31 x 24 x 77	70
TDGC2-15kVA	31 x 24 x 56	54	TSGC2-30kVA	31 x 24 x 150	107
TDGC2-20kVA	31 x 24 x 77	73	TSGC2-J40kVA	43 x 35 x 110	170
TDGC2-30kVA	31 x 24 x 150	112	TSGC2-J45kVA	43 x 35 x 110	175
			TSGC2-J50kVA	43 x 35 x 110	180
			TSGC2-J50kVA	43 x 35 x 110	190

JJW.JSW

PURIFIED
HIGH ACCURACY
AC VOLTAGE STABILIZER



General

JJW, JSW series precision purified AC voltage stabilizer integrates voltage stabilization and purification and adopts advanced sine energy distributing technology, it has following obvious features: high accuracy of voltage stabilization, rapid dynamic response, little distortion, strong adaptability of load, good anti-interference of electromagnetism, besides, it can take effect on absorbing and restraining kinds of noises and spike voltage.

Application

For lab, test equipment, metering equipment, medical equipment, high-precision instrument and so on.

Performance

Input voltage	Single-phase 185V-250V Three-phase 320-430V	Efficiency	> 90%
Output voltage	Single-phase 220, accuracy 1% Three-phase 220, accuracy 1%	Waveform distortion	≤ 5%
Frequency	50Hz ± 2Hz	Response time	20ms-100ms
Over voltage protection value	Single-phase 246 ± 4V Three-phase 426 ± 7V	Spike voltage absorption	Input 500V/13μs Output ≤ 5V
Load effect	≤ ± 0.5%	Environment temp.	-10°C - +40°C
		Temperature rise	< 60°C
		Dielectric strength	1500V/min
		Insulation resistance	Single-phase > 5MΩ Three-phase > 2MΩ

Model & spec.

Model	Product size D x W x H (cm)	Package size D x W x H (cm)	Qty	Model	Product size D x W x H (cm)	Package size D x W x H (cm)	Qty
JJW-500VA	35 x 16 x 25	41 x 23 x 33	1	JSW-3KVA	61 x 32 x 56	72 x 44 x 65	1
JJW-1KVA	35 x 16 x 25	41 x 23 x 33	1	JSW-6KVA	61 x 32 x 56	72 x 44 x 65	1
JJW-2KVA	39 x 17 x 29	47 x 24 x 36	1	JSW-9KVA	71 x 35 x 66	82 x 46 x 75	1
JJW-3KVA	46 x 23 x 41	57 x 34 x 51	1	JSW-15KVA	71 x 35 x 66	82 x 46 x 75	1
JJW-5KVA	46 x 23 x 41	57 x 34 x 51	1	JSW-20KVA	71 x 35 x 66	82 x 46 x 75	1
JJW-10KVA	51 x 27 x 47	61 x 39 x 56	1	JSW-30KVA	71 x 40 x 76	82 x 52 x 85	1
JJW-15KVA	66 x 42 x 47	78 x 54 x 58	1	JSW-50KVA	70 x 58 x 130	90 x 74 x 142	1
JJW-20KVA	66 x 42 x 47	78 x 54 x 58	1	JSW-80KVA	70 x 58 x 130	90 x 74 x 142	1
JJW-30KVA	81 x 62 x 59	94 x 74 x 70	1	JSW-100KVA	70 x 58 x 130	90 x 74 x 142	1