



科旺集团

# DONGGUAN KEWANG TECHNOLOGY CO.,LTD.

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# SBW/DBW Automatic Voltage Regulator

## DBW 3kVA~20kVA/ SBW 6kVA~60kVA

### Introduction

SBW/DBW series automatic voltage regulator is designed to stabilize the AC voltage. By using the superposition principle, compensation method to make the system output from the power grid stably, it can automatically maintain the stability of voltage output when the fluctuation or load changes.

### Feature

1. Pure copper coils with excellent electrical conductivity.
2. Good adaptability with wide loads, compact size and light weight.
3. Protection system: Over load, over voltage, short circuit protection.
4. Higher precision, longer cycle life, more stable voltage.

### Scenarios

Household Appliances: TV, Air-conditioning, Induction Cooker, Refrigerator, Water Heating

Industry Machine: Plastics&Rubber Machinery, Textile Mill Machinery, Food&Medicine Machinery, Printing&Publishing Machinery

Telecommunication Equipment: PABX, Satellite

Receiver&Tansmitter, Radio&Television Transmitter



### Technical Parameters

Capacity Range	DBW 3~20kVA	SBW 6~60kVA
Input Voltage	Single Phase 220V ±15%/ ±20%/±30%	Three Phase 380V/400V±15%/ ±20%/±30%
Output Voltage	220V	380V/400V
Voltage Regulation Accuracy	±1~5 % (settable)	
Frequency	50Hz 60Hz	
Response Time	< 0.5s	
Efficiency	> 96%	
Ambient Temperature	-10°C~ +40°C	

# RLS Series Contactless Intelligent Type Voltage Regulator RLS 100kVA~2500kVA

## Introduction

RLS series voltage regulator is designed by advanced technology and digital control system to stabilize the output voltage within specific range. The RLS regulator has the advantage of high impact resistance, super strong instantaneous overload capacity and long service life.

## Feature

1. Contactless without carbon brush friction;
2. Integrated circuit with reliable function for voltage regulation;
3. High efficiency more than 98%;
4. Protection system: over load, over voltage, short circuit protection;
5. Higher precision, longer cycle life, more stable voltage;
6. Low loss and maintenance-free for a long time.

## Scenarios

Comercial Application: High-rise Building, Elevator Control, Lighting Equipment

Industrial Field: Industrial Automation, Production Lines, CNC, Factory Machines, Heavy Load Machinery

Medical Equipment: X-ray, CT Scanner, MRI System, Radiation Therapy Machine



## Technical Parameters

Capacity Range	100~2500kVA	Frequency	50Hz	Resistance Power	2000V/60S <20mA
Input Voltage	380V/400V±15 % ±20 % ± 30 %	Response Time	< 0.5s	Insulation Resistance	> 5MΩ
Output Voltage	380V/400V	Efficiency	> 98 %	Ambient Temperature	-10℃~+40℃
Voltage Regulation Accuracy	1%~5%(Settable)	Waveform Distortions	< 3 %	Relative Humidity	< 95%



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