

SUNTEK

*At home and in the country
on guard of stability*



About company



Single-phase voltage stabilizers

- Relay type
- Electromechanical type
- Thyristor type



Three-phase voltage stabilizers of Electromechanical type



High power stabilizers



Single-phase variac transformers, 0-300 Volts



Three-phase variac transformers, 0-430 Volts



Device for protection against overburning zero and overvoltage UZON



Led products

SUNTEK is one of the leading companies in the Russian electrical market. Our main specialization is voltage stabilizers and laboratory autotransformers. Thanks to many years of experience and technical base, we brought our own project - the SUNTEK brand - to the market of voltage stabilizers and Cylinders. A complete in-house production cycle with Assembly sites in Russia and China allows you to clearly control the movement of goods at each stage and produce high-quality, competitive products at an affordable price.

The efficiency of SUNTEK depends on the prosperity of each client, so the desire for long – term stable relationships is the main priority of SUNTEK.

Marketing support for our wholesale partners includes a dealer authorization program, merchandising, and marketing promotions for wholesale and end users. In many major cities of Russia, we regularly conduct training seminars on products.

By developing our competitive advantages, we actually embody the company's mission: create favorable conditions for business development of your partners!

Choosing cooperation with the company «SUNTEK» - you choose reliable products, favorable prices and convenient thoughtful service.

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SUNTEK voltage stabilizers



SUNTEK voltage stabilizers are manufactured at SUNTEK-Russia and SUNTEK-China production sites. SUNTEK-TT series thyristor voltage stabilizers are manufactured in Russia, while HiTech & GAS thyristor series, relay and Electromechanical voltage stabilizers, Later (laboratory autotransformers) and Uzons are manufactured in China under the supervision of SUNTEK engineers.

About Russian production:

At the production site in Russia, electronic voltage stabilizers «SUNTEK-TT» are made of thyristor type (simistors are used as keys). These are products with high characteristics at the level of leading Russian manufacturers, necessary in various areas of life and in demand in Russia.

To expand the scope of application and meet customer needs, the company's engineering division has developed and launched five series of stabilizers that differ in the number of triac stages, the input voltage range, and the accuracy of stabilization. Compliance with high technical standards is the same for all series, which ensures reliability and long service life of the devices (10 years or more).

Due to the optimal price / quality ratio, the cost of annual operation of the Suntek-TT stabilizer is much lower than that of cheap stabilizers, whose warranty period and service life are almost the same.

About production in China:

There are many prejudices that if the country of manufacture is China, then the quality will not be at a decent level. But no one thinks that China is an excellent «platform» where you can supply branded (proven manufacturers) components and, thus, collect high-quality devices. To dispel all the myths, we will open the veil of secrecy about the origin of components for SUNTEK voltage stabilizers and publish information about the suppliers of the main components responsible for the operation of the voltage stabilizer, its service life, error, etc.

An important unit is the HT46R47 microprocessor from Holtek (South Korea). It is an 8-bit high-performance RISC architecture microcontroller device specifically designed for A/D applications that interact directly with analog signals, such as from sensors. This microprocessor successfully operates from -40°C to + 125°C, so this series is also widely used in the automotive industry. On the basis of this microcontroller, various fast charging devices are assembled for all types of rechargeable batteries (accumulators) such as Ni-Cd, Ni-NH, and Li-ion, used in devices such as mobile phones, players, and laptop computers. Although the HT46R47 microcontroller was originally created by Holtek for the charger market, its scope is much broader. The HT46R47's state-of-the-art flexible internal functions allow it to be used in a wide range of devices where analog or digital functions are required. High noise immunity allows you to use this microcontroller in household appliances.



HITACHI
Semiconductor

OMRON



TOSHIBA



Also on the control Board are Quad operational amplifiers NA17324A, manufactured by Hitachi (Japan). These operational amplifiers provide high gain and are widely used for monitoring equipment. The amplifiers have an operating range from -50°C to 100°C.

Based on our many years of experience in the development and production of electrical equipment, we have selected several reliable suppliers of relays for switching the windings of the autotransformer.

The choice fell on OMRON (Netherlands) and SONG (China), which have been offering relays on the market for more than 20 years. Both of these companies present high-quality relays with a minimum number of switches for electrical relays of 100,000 times (at least 10 years of operation in everyday life). Silver-plated contacts ensure quiet operation of the relay even at high currents (there is no sticking of contacts).

We believe that many people are familiar with STMicroelectronics transistors (Switzerland). They are used in at least 30% of all electronics in Europe. STMicroelectronics is the largest European company that develops and manufactures semiconductor electronic and microelectronic components. STMicroelectronics holds a leading position in the market of solutions for set-top boxes, automotive chips, EEPROM memory and the new fast-growing market for micro-Electromechanical systems (MEMS). SUNTEK voltage stabilizers use I7805 series transistor groups.

Circuitry (condensatori, resistors) we have many years of buying from our partners - companies TONGA (Japan). TOSHIBA products are not only affordable, but also stable quality. In the latest models of SUNTEK voltage stabilizers, TOSHIBA electrolytic capacitors up to 2200 mA were also used.

This selection of suppliers gives us confidence in the reliability of the equipment and allows us to provide a 3-year warranty. These microprocessors and controllers ensure uninterrupted operation of SUNTEK voltage

stabilizers even in sub-zero weather, and the resource provided in the components allows the stabilizers to work for a long time even in difficult conditions.

In addition to the list of devices responsible for home security (circuit breakers, protective shutdown devices), our company's specialists have developed, certified and launched mass production of surge protection devices and such phenomena as zero burnout. SUNTEK UZON surge protection devices (ratings from 25 to 63 A) are designed for use in AC power circuits to protect power consumers from the effects of high voltages arising from power grid failures and errors of service personnel. These compact devices with DIN-rail mounting are used in every apartment, in every house, and become the norm in the design documentation of construction and power supply organizations.

Advantages of SUNTEK production

SUNTEK electrical products have proven themselves as reliable, trustworthy equipment. Many large companies, universities, military units, and individuals use SUNTEK equipment for their own purposes. A positive opinion about the product was formed largely due to its high quality, provided by a competent organization of the production process.

First, it is the diversification of production. Suntek has two production sites in Russia and China. This division allows you to create offers on the market for buyers with a variety of requests - for fans of economy-class products and for those who are used to VIP-service, who need equipment for the country for the season (summer) and for those who live permanently in a country house or cottage.

Secondly, we use robotics technology, which eliminates the human factor in production. By minimizing errors to zero, high quality of Assembly and installation is ensured. Boards, coil, core, soldering, winding - all this is made exclusively on machines.

Third, in the OTC Department, everyone (!) the device is checked manually before shipment. The master puts his mark on the case, which indicates who and when the test was performed. That is, technical control specialists are personally responsible for the quality of their products, which means that they are conscientious in performing their duties.

All SUNTEK products are certified. Service of the purchased equipment is carried out in the main service center in Moscow and in the authorized service centers of our regional dealers and representatives.



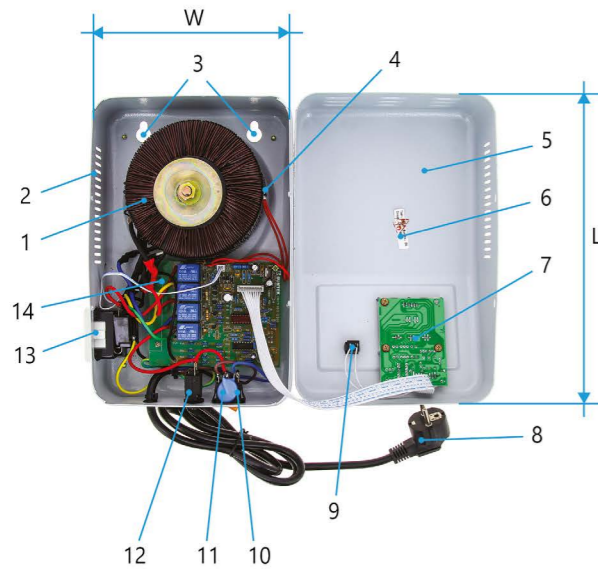


Single-phase relay type voltage stabilizers

Single-phase relay type voltage stabilizers with a capacity of 550-2000 VA

Relay type voltage stabilizers are the most common type of stabilizers for everyday life. Power from 550VA to 2000VA is enough to connect all household appliances with a power supply of 220 Volts: laptops, computers, refrigerators, audio-video equipment, microwave ovens, etc.

SUNTEK relay type voltage stabilizers are in high demand, largely due to the optimal price / quality ratio. The stabilizers were developed taking into account the wishes of users all over the country - it takes into account the wishes of users who have low voltage, users who have high voltage, and even those users who have almost no voltage in the network.



Relay type voltage stabilizers with a capacity of 550-2000 VA

1. Autotransformer coil
2. Holes for natural cooling
3. Wall mounting holes (mounting elements included)
4. Thermode
5. Metal stabilizer housing
6. Stamp of the control Department (OTC)
7. Display Board
8. Euro plug with cord to connect to the network
9. The button "Input/output voltage"
10. On/off button
11. Varistor (lightning protection)
12. Safety
13. Socket
14. Control card

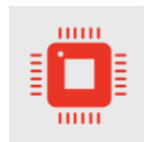


L - length
W - width
H - height

Advantages



Work from -30°C



Microprocessor control



Digital indication



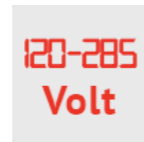
Lightning protection



Universal metal case



Socket/plug



Input voltage range



Speed

Features



Overload protection



Overheating protection



Automatic start



Control unit



SUNTEK 550 VA

The most popular model for providing 220 V heating boiler, computer and audio-video equipment. Wide operating range of input voltages (120-285 Volts), instantaneous response speed, relay switching without breaking the circuit. Working hours-around the clock.



SUNTEK 1000 VA

Model for connecting both one device and several pieces of equipment (for example, via a tee). The stabilizer is widely used when there is a strong voltage drawdown to power the boiler or devices with a power of up to 1 kW. Due to the high response speed, it is ideal for refrigerators, TV and video equipment.



SUNTEK 1500 VA

Applicable when connecting both home appliances and equipment with a power of up to 1.5 kW. Provides the ability to have a power reserve when connecting devices with a total power of 1kW. The stabilizer is successfully used in everyday life, medicine, and industry.



SUNTEK 2000 VA

Hit of sales! The power of this stabilizer is enough to connect any household appliances-a microwave, an electric drill,kettle, refrigerator, hair dryer, etc., for all computer and audio-video equipment. Compact version.Model maximum capacity with the ability to connect via the socket.

Table of main parameters of SUNTEK stabilizers

Model	Power (VA)	Input voltage range (V)	Output voltage range (V)	Sizes (cm)	Weight (kg)
SUNTEK 550	550	120-285	220±8%	14×18×28	3
SUNTEK 1000	1000	120-285	220±8%	14×18×28	4.5
SUNTEK 1500	1500	120-285	220±8%	14×18×28	6
SUNTEK 2000	2000	120-285	220±8%	14×18×28	7

Single-phase relay type voltage stabilizers with a capacity of 3000-16000 VA

The main criterion for choosing a voltage stabilizer is the power of the connected devices, as well as the lowest possible indication of the input voltage. Note that the total power of the connected electrical devices must be less than the power of the stabilizer, and the power reserve depends on the nature of these devices ($\cos \phi$).



SUNTEK 3000 VA

The 3000VA model is a popular voltage stabilization solution for climate control equipment and washing machines (both domestic and professional). Devices subject to increased wear and tear due to voltage drops.



SUNTEK 5000 BA

The 5000VA model is sufficient for voltage stabilization on small objects where the total power of connected devices does not exceed 4-5kW. Continuous network testing, a high degree of reliability, a wide range of input voltages, and operation at negative temperatures are the distinctive features - SUNTEK relay-type voltage stabilizers.

Table of main parameters of SUNTEK stabilizers

Model	Power (VA)	Input voltage range (V)	Output voltage range (V)	Sizes (cm)	Weight (kg)
SUNTEK 3000	3000	120-285	220±8%	15×25×38	8
SUNTEK 5000	5000	120-285	220±8%	15×25×38	10

Powerful SUNTEK relay type stabilizers are available in the following models: 8500VA, 11000VA, 12500VA, 16000VA

Any of these stabilizers can cope with providing 220 Volts for an entire country house or cottage. The power of the stabilizer will be enough for several consumers, or for connecting powerful power equipment – a machine, a sauna, etc. the Relays in these models are placed on a separate mount (outside the control Board), and additional forced cooling will help to avoid early overload at high temperature and increased load. The water-proof relay housing, additional cover of the control Board, and led indication all allow the use of the stabilizer at negative temperatures, which is important if the switchboards are located outside of residential premises. All powerful models have the full range of advantages of the SUNTEK line of relay voltage stabilizers and are among the most popular.

Suntek voltage stabilizer kits for three-phase network

Using three single-phase stabilizers in a three-phase network avoids all drawbacks three-phase stabilizers:

- complete power outage;
- impressive overall dimensions and weight;
- inconvenience of maintenance and repair.

A set of three single-phase voltage stabilizers SUNTEK-an original offer for those who want to optimally protect their equipment and at the same time save money. This kit will allow you to put protection on every important device (separately on the washing machine, separately on office equipment, separately on the microwave, refrigerator, dishwasher) or you can use it in a three-phase network. At the same time, you are not afraid of losing one of the phases, you will have two others, which distinguishes the use of three single-phase suntek voltage stabilizers from the use of one three-phase stabilizer. To use the kit with 380 Volt devices, a Phase Control Device must be installed.

SUNTEK offers three single-phase stabilizers of both relay, Electromechanical, and thyristor types for the 380 Volt network. The main criterion for choosing stabilizers is the total load power and its nature, as well as the network state (low, high, frequently changing voltage).



SUNTEK 8500 VA

SUNTEK relay type voltage stabilizer with a capacity of 8500 VA. Wide range of input voltages, frost resistance, short-circuit protection, lightning protection.



SUNTEK 11000 VA

Stabilizer for Russian power grids. Great for a cottage, a country house! Range 120-285 Volts. Automatic entry into the working state. Suitable for welding.



SUNTEK 12500 VA

Powerful stabilizer for home, cottage, office, production facility! Digital display, universal design, light body.

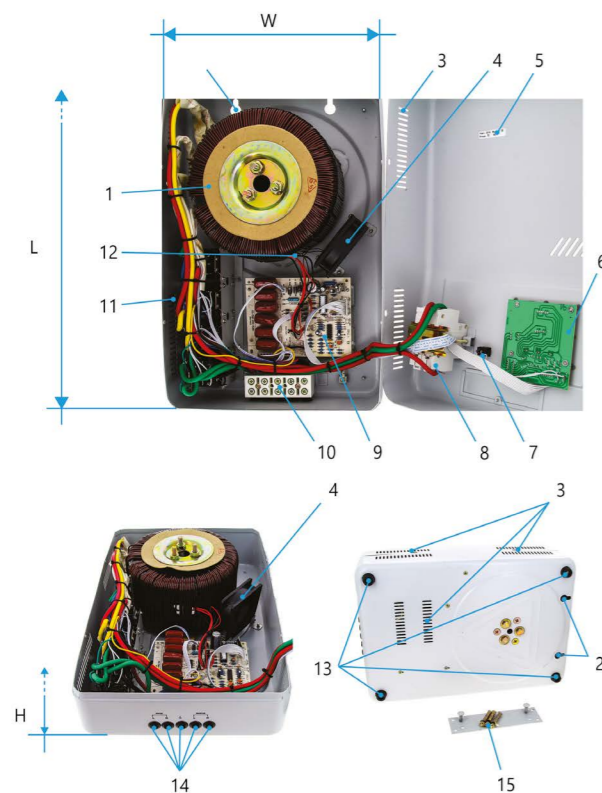


SUNTEK 16000 VA

Recommended for installation after the counter - the whole house! The best option! Frost resistance, lightning protection. SUNTEK 16000 VA is suitable for welding operations.

Table of main parameters of SUNTEK stabilizers

Model	Power (VA)	Input voltage range (V)	Output voltage range (V)	Sizes (cm)	Weight (kg)
SUNTEK 8500	8500	120-285	220±8%	17×27×43	16
SUNTEK 11000	11000	120-285	220±8%	17×27×43	20
SUNTEK 12500	12500	120-285	220±8%	17×30×47.5	23
SUNTEK 16000	16000	120-285	220±8%	17×30×47.5	26

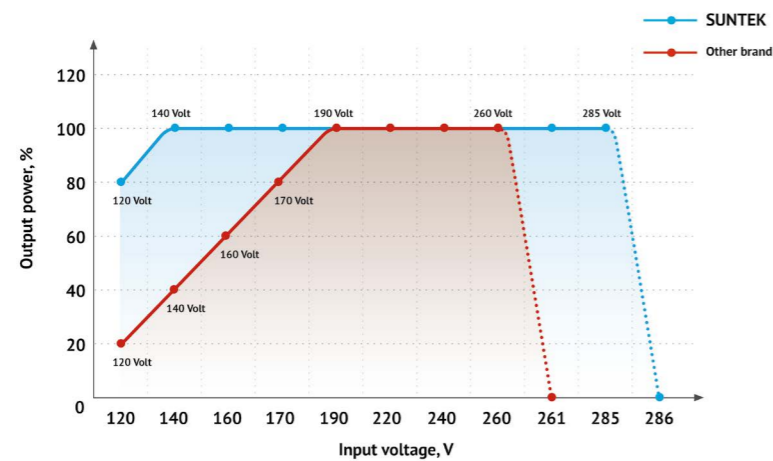


Single-phase relay stabilizers with a capacity of 3000-16000 VA

1. Autotransformer coil
2. Holes for mounting on the wall
3. Holes for natural cooling
4. Fan (forced cooling)
5. Stamp of the control Department (OTC)
6. Display Board
7. The button "Input/output voltage"
8. Automatic machine with "Bypass" function"
9. Control card
10. Terminal block
11. Relay unit
12. Thermode
13. The legs of the stabilizer
14. Isolated inputs for connection
15. Wall mounting

L - length
W - width
H - height

Operating range, V	120-285
Rated range, V	140-270
Accuracy of stabilization	220±8%
Euro socket and Euro cord with grounding contacts	model 550-2000 VA
Number of control stages	4
Operating mode	continuous
Cooling system	natural, forced
Adjustment time, ms	10
Distortion of a sine wave	no
Protection against impulse surges	yes
Over-voltage protection	yes
Protection against undervoltage	yes
Short-circuit protection	yes
Protection from the storm	yes
Delay	automatic, 3 sec.
Maximum heating temperature of the autotransformer winding, °C	120
Operating ambient temperature, °C	-30 to +50
Protection class	IP 20



Graph of power dependence on input voltage



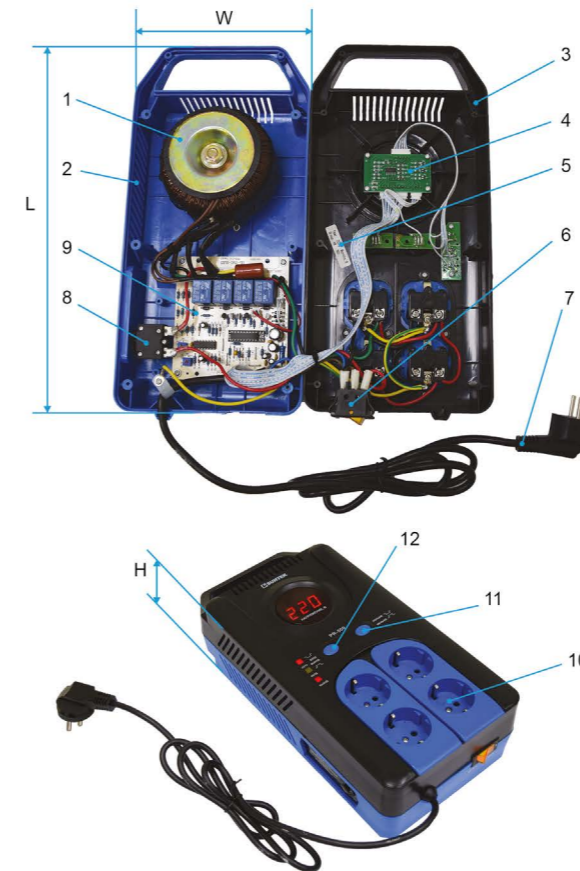
The warranty for SUNTEK voltage stabilizers is 3 years



Single-phase relay type voltage stabilizers of the PR series

PR series relay type voltage stabilizers are perfect for household use. Power up to 2000 VA is enough to connect all home electrical equipment with a power supply voltage of 220 Volts: computers, TVs, laptops, refrigerators, audio equipment, microwave ovens, etc.

SUNTEK PR series voltage stabilizers in a plastic case are designed to meet the needs of customers. They have the same characteristics as the classic models of suntek relay stabilizers, but at the same time they are most convenient to use. Often, the TV, computer, and audio system are turned on through a single stabilizer, so the PR series stabilizers have 4 Euro sockets for connecting consumers. The stabilizer itself is connected to the network using a cord with a plug. The front panel has a digital display that informs you about the input and output voltage and displays errors. Automatic delay is adjustable (3 sec. or 180 sec.). And thanks to the compact size, it is not difficult to place the stabilizer in the house.



Relay voltage stabilizers with a capacity of 500-2000 VA PR series

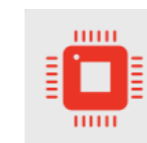
1. Autotransformer coil
2. Holes for natural cooling
3. Plastic case
4. Display Board
5. Stamp of the control Department (OTC)
6. On/off button
7. Euro plug with cord to connect to the network
8. Safety
9. Control card
10. Sockets
11. Delay control button
12. The button "Input/output voltage"

L - length
W - width
H - height

Advantages



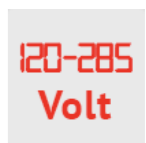
Work from -30°C



Microprocessor control



Digital indication



Input voltage range



Universal plastic case



Socket/plug



Speed

Features



Overload protection



Overheating protection



Control unit



Adjustable automatic delay



SUNTEK 500 VA

Compact stabilizer in a plastic case that can ensure smooth operation of any household electrical equipment. Thanks to the high accuracy of stabilization and instantaneous response speed, it is ideal for connecting computer and audio-video equipment.



SUNTEK 1000 VA

The stabilizer will reliably protect several household appliances with a total capacity of up to 1 kW from power surges and power surges in the network. Convenient to use, works fully, fully equalizes the voltage to the level allowed by GOST without loss of power!



SUNTEK 1500 VA

Suitable for connecting both household appliances, boilers, water heaters, and professional equipment with a capacity of up to 1.5 kW. Wide range of input voltages, digital display, convenient connection of consumers (4 outlets), compact housing.



SUNTEK 2000 VA

Best selling! The stabilizer is reliable, easy to use, has a multi-stage protection system and, despite its compact size (only 8 cm high), its power is enough to connect the main household and computer equipment.

Table of main parameters of SUNTEK stabilizers

Model	Power (VA)	Input voltage range (V)	Output voltage range (V)	Sizes (cm)	Weight (kg)
SUNTEK PR 500	500	120-285	220±8%	8×15×32	1.9
SUNTEK PR 1000	1000	120-285	220±8%	8×15×32	2.2
SUNTEK PR 1500	1500	120-285	220±8%	8×15×32	2.5
SUNTEK PR 2000	2000	120-285	220±8%	8×15×32	3.4



The warranty for SUNTEK voltage stabilizers is 3 years

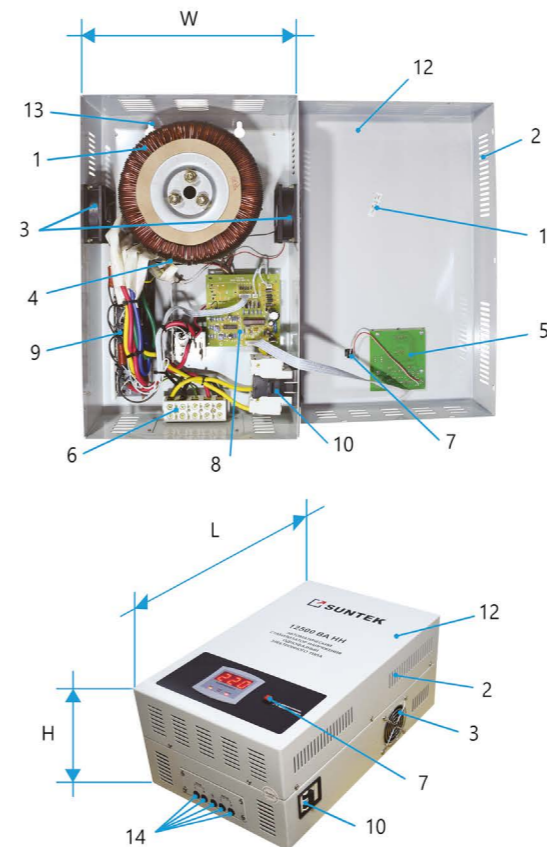


Single-phase relay type voltage stabilizers of the NN series

The HH series is a powerful extended-range voltage stabilizer specially developed by SUNTEK for low-voltage networks. They work even at 90 Volts in the socket, with the condition of incomplete loading, and starting from 100 Volts they will fully equalize the voltage, in full accordance with the technical characteristics.

This line includes four models with a capacity from 11 to 20 kVA that can provide high-quality power supply to all consumers in a private country house, cottage or factory.

Suntek HH series stabilizers can operate in sub-zero temperatures and are protected against short-circuit, overload, and overheating. To protect against high currents that occur at low voltage, the design of the stabilizers uses a two-pole circuit breaker, which will ensure that the circuit is opened without arcing. Thanks to the universal metal housing, installation can be carried out in both horizontal and vertical positions (wall mounting).

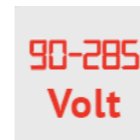


Relay voltage stabilizers of the NN series

1. Autotransformer coil
2. Holes for natural cooling
3. Fans (forced cooling)
4. Thermode
5. Display Board
6. Terminal block
7. The button "Input/output voltage"
8. Control card
9. Relay unit
10. Two-pole circuit breaker
11. Stamp of the control Department (OTC)
12. Metal stabilizer housing
13. Holes for mounting on the wall
14. Isolated inputs for connection

L - length
W - width
H - height

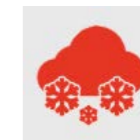
Advantages



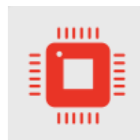
Input voltage range



Work from -30°C



Forced cooling (from 70°C)



Microprocessor control



Digital indication



Universal metal case



Speed

Features



Overload protection



Overheating protection



Automatic start



Control unit



SUNTEK 11000 VA NN

An excellent stabilizer for a cottage, country house, small workshop or retail space. It has an extended input range, is frost-resistant (up to -30 C), responds quickly to changes in the voltage in the network, and is able to reliably protect all connected devices.



SUNTEK 12500 VA NN

The SUNTEK NN stabilizer is perfect for installation in both residential and public areas at low voltage in the network. It has a wide input voltage range (90-285V), is noise-resistant, and provides high stabilization accuracy.



SUNTEK 16000 VA NN

16 kVA stabilizer in a universal metal housing (floor/wall). Frost-resistant, perfectly equalizes the voltage to the nominal value of 220V even in networks with very low voltage (90-285V), has a multi-stage protection system.



SUNTEK 20000 VA NN

The most powerful relay stabilizer of the NN series for low voltage. It is suitable for connecting not only all household appliances and electronics in a country cottage, but also for professional production equipment, machine tools.

Table of main parameters of SUNTEK stabilizers

Model	Power (VA)	Input voltage range (V)	Output voltage range (V)	Sizes (cm)	Weight (kg)
SUNTEK NN 11000	11000	90-285	220±8%	46x29x19	21.3
SUNTEK NN 12500	12500	90-285	220±8%	46x29x19	22.6
SUNTEK NN 16000	16000	90-285	220±8%	48x32x21	26.5
SUNTEK NN 20000	20000	90-285	220±8%	48x32x21	31



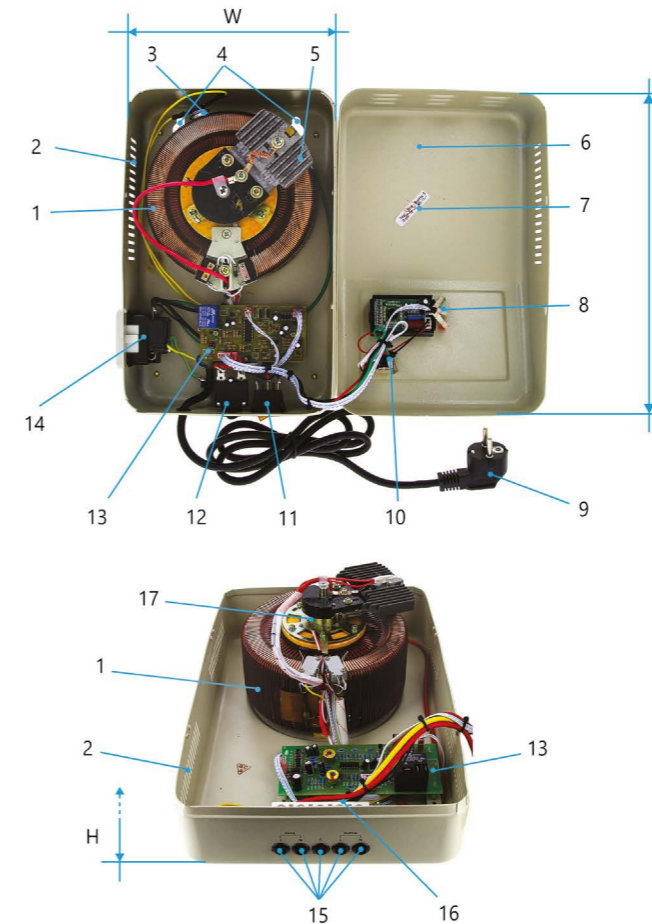
The warranty for SUNTEK voltage stabilizers is 3 years



Single-phase voltage stabilizers of Electromechanical type

Single-phase voltage stabilizers of Electromechanical type with a capacity of 2000-11000 VA

These stabilizers are popular with customers who are demanding the accuracy of stabilization. The output voltage deviation does not exceed 3% of the nominal value. The stabilizers are made in a metal universal case with a bluish liquid crystal display, which creates a unique appearance. SUNTEK Electromechanical voltage stabilizers are suitable for maintaining a stable voltage in lighting networks, for power supply and providing 220 Volts of power to the whole house.



Electromechanical voltage stabilizers

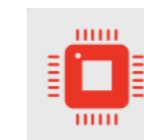
1. Autotransformer coil
2. Holes for natural cooling
3. Thermode
4. Wall mounting holes (mounting elements included)
5. Brush assembly
6. Metal stabilizer housing
7. Stamp of the control Department (OTC)
8. LCD display for voltage display
9. Eurovilka with a cord for connection (model 2000 VA)
10. Operation mode indicators
11. On/off button
12. Safety
13. Control card
14. Socket (2000 VA model)
15. Isolated inputs for connection
16. Terminal block (models 5000-11000 VA)
17. The electric motor drive of the brush unit

L - length
W - width
H - height

Advantages



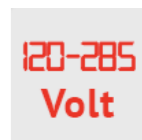
Informativity



Microprocessor control



The accuracy of the output voltage



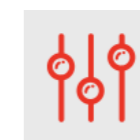
Input voltage range



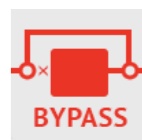
Overload capacity



Universal metal case



Smoothness of control



Bypass

Features



Protection against overload



Protection from overheating



Automatic start



Reinforced brush assembly



SUNTEK 2000 VA-EM

Electromechanical stabilizer with the ability to connect through a socket. Convenient for household use. Performs a smooth voltage adjustment, thus almost completely eliminates the visible eye blinking light.



SUNTEK 5000 VA-EM

This model will reliably protect one or more household appliances with a total capacity of up to 5 kVA from power surges in the network. Wide range of input voltages, smooth regulation, high accuracy of output voltage (220V ±3%).



SUNTEK 8500 VA-EM

It is applicable when connecting both home appliances and office and production equipment with a capacity of up to 8.5 kVA. Thanks to the high accuracy of stabilization, it is perfect for demanding devices.



SUNTEK 11000 VA-EM

This stabilizer is able to provide round-the-clock uninterrupted operation of equipment throughout the house. Full power holds with 140 Volts! Universal housing (floor, wall), smooth control, informative LCD display.

Electromechanical voltage stabilizer SUNTEK 550 Premium 220/110



Exclusive model! Electromechanical type voltage stabilizer in a thin case with the ability to connect a load of 220 and 110 Volts!

Stabilization of two voltages is the uniqueness of this stabilizer.

The SUNTEK 550 Premium 220/110 voltage regulator is designed for use among precision devices (boilers, computers, televisions). An LCD display with an accuracy of 1 Volt will inform You about the situation in the network. The stabilizer operates in a 220 Volt

network, as well as in a 110 Volt network. The ability to connect both 220 Volt and 110 Volt devices allows you to use it instead of a 220/110 Volt transformer.



Two operation modes:

1. Powered by 110 Volts.
The output of the stabilizer is 220 Volts in the «220 Volt» outlet, and at the same time 110 volts in the «110 Volt» outlet. Operating range 40-140 Volts.
2. Powered by 220 Volts.
The output of the stabilizer is 220 Volts in the «220 Volt» outlet, and at the same time 110 Volts in the «110 Volt» outlet. Operating range 120-285 Volts.

Advantages:

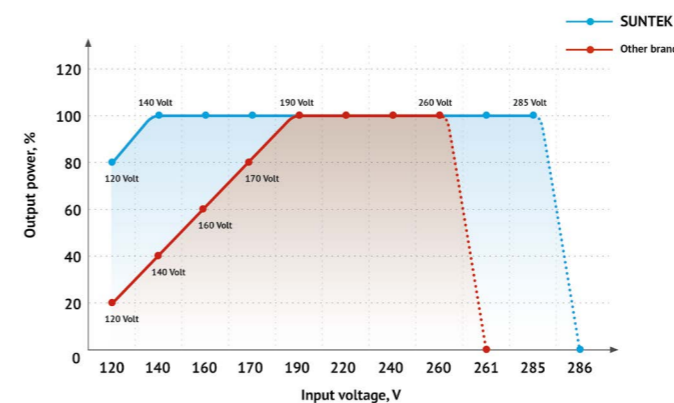
- The ability to connect devices at 220 Volts and 110 Volts;
- Wide operating range (120-285 Volts) in a 220 Volt network;
- LCD display;
- Adds a voltage of 25 Volts per second;
- High stabilization accuracy (in the nominal range of ±3%);
- Automatic delay;
- Analysis of the input voltage at any time;
- Analysis of working range boundaries;
- Protection against short circuit, overload (overheating);
- Low / high voltage protection;
- Protection against impulse (lightning) discharges;
- Effective smoothing of impulse noise in the network.

Table of main parameters of SUNTEK stabilizers

Model	Power (VA)	Input voltage range (V)	Output voltage range (V)	Sizes (cm)	Weight (kg)
SUNTEK 2000 VA-EM	2000	120-285	220±3%	12×18×27.5	9
SUNTEK 5000 VA-EM	5000	120-285	220±3%	15×25×38	14
SUNTEK 8500 VA-EM	8500	120-285	220±3%	17×27×43	19
SUNTEK 11000 VA-EM	11000	120-285	220±3%	17×27×43	20

Table of technical characteristics of SUNTEK stabilizers

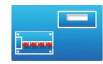
Operating range, V	120-285
Rated range, V	140-270
Accuracy of stabilization	220±3%
Bypass	pars 5000-11000 BA
Type of drive	electromotor
Operating mode	continuous
Cooling system	natural, forced
Regulation time, V/s	25
Distortion of a sine wave	no
Protection against impulse surges	yes
Over-voltage protection	yes
Protection against undervoltage	yes
Short-circuit protection	yes
Protection from the storm	yes
Delay	automatic, 3 sec.
Maximum heating temperature of the autotransformer winding, °C	120
Operating ambient temperature, °C	from 0 to +50
Protection class	IP 20



Graph of power dependence on input voltage



The warranty for SUNTEK voltage stabilizers is 3 years



Thyristor type voltage stabilizers

In this section, you can get acquainted with the manufactured line of single-phase thyristor voltage stabilizers SUNTEK.

SUNTEK classic thyristor (electronic) stabilizers of Russian production are represented by five series that differ in the number of thyristor stages, the input voltage range, and the accuracy of stabilization. Models of all series are made in a modern universal housing and can be used both in the wall version and in the floor. Noiseless operation, informative indication, bypass (transit), forced cooling (when the winding reaches a certain temperature), 3-fold overload capacity (calculated for a long start of the engine). Modern, reliable voltage regulator.

Advantages



Quiet operation



Smoothness and accuracy



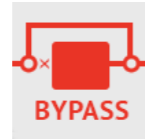
Triple overload capacity



Speed



Universal metal case



Bypass



4-15 thyristor stages

Features



Overload protection



Forced cooling



Electronic key



Automatic start



Cable connection



Overheating protection



Control UIP



Made in Russia

Main advantage thyristor stabilizers:

- Wide range of input voltages;
- Three times the power reserve for starting currents;
- Output values from 6 kVA to 20 kVA;
- Temperature range from -5°C to +50°C;
- The Function Of The Bypass;
- Digital display, data on u, I, P values;
- Do not interfere with the power supply;
- Fast response;
- Quietness, small dimensions;
- Service life of 10 years or more;
- Optimal combination of price and quality.

Size table of thyristor stabilizers:

Model / Power (VA)	Sizes (cm)		Weight (kg)
	Standard, Optima	Medium, Elite	
6000	30x20x44	30x20x44	16
8000	30x20x44	30x20x44	21
10000	28x25x48	28x25x48	25
12000	28x25x48	28x25x48	30
15000	28x25x48	28x29x53	37
20000	28x29x53	28x29x53	45

SUNTEK TT Standard



SUNTEK TT Standard is the most popular series of classic SUNTEK thyristor type voltage stabilizers. TT Standard stabilizers are used to normalize the power supply of single-phase devices. These devices include various household and office equipment, audio and video equipment, and production equipment. These models have a three-fold power reserve, which allows, if necessary, to connect a power tool with direct start motors, where there is a three-fold starting current in the first few seconds of operation. The device disconnects the supplied equipment from the mains only if the voltage exceeds the specified norms. As soon as the voltage returns to the desired range, it will automatically connect.

- Load protection against power surges above 300V;
- Protection of the transformer stabilizer from voltage surges above 300V in the power supply;
- Thermal protection of the transformer;
- Electronic two-stage protection against short circuits and overloads;
- Digital indication of operation modes of the device;
- Thyristor power keys;
- The electrical circuit of the device is made according to special developments that allow the stabilizer to remain operational at very high voltage surges – up to 1000 volts;
- Built-in 1.5 meter network cable;
- Metal body covered with powder enamel;
- Universal version (floor/wall);
- Forced cooling at a load of more than 50% of the nominal value.



SUNTEK TT Standard NN

A series of stabilizers with an extended input voltage range (85-265V). These stabilizers are able to reliably protect equipment from poor-quality power supply, even in networks with very low voltage.



SUNTEK TT Optima

Optima is a reliable stabilizers optimal for household use (house, cottage). manufacture of Russia. They are characterized by a wide range of input voltage (140-270 V), quietness and high speed.



SUNTEK TT Medium

Medium SUNTEK is a series of Russian-made thyristor stabilizers that combine high stabilization accuracy (220V ±3%) and a wide range of input voltage (120 to 275 V).



SUNTEK TT Elite

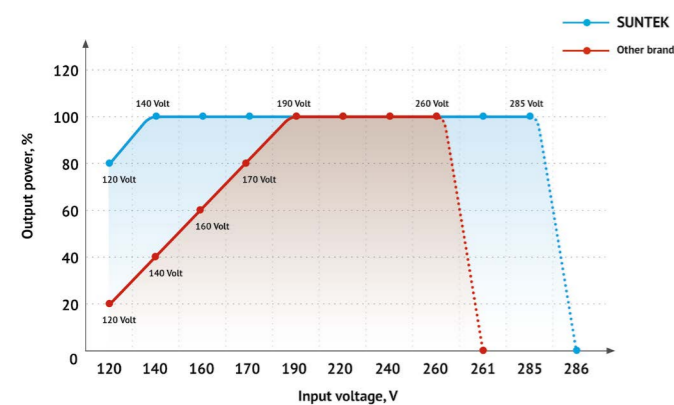
The Elite series are reliable and accurate stabilizers designed primarily for working with demanding equipment. The deviation of the output voltage from the nominal value is only 2%.

Table of main parameters of SUNTEK stabilizers

Series	Input voltage range (limit/working) (V)	Output voltage (V)	Triac stages	Type displays
SUNTEK TT Standard	130-275 / 140-260	220±4,5%	8	digital
SUNTEK TT Standard NN	85-265 / 100-255	220±5%	8	digital
SUNTEK TT Optima	140-270 / 165-260	220±6%	4	led
SUNTEK TT Medium	120-275 / 140-265	220±3%	12	digital
SUNTEK TT Elite	140-265 / 160-250	220±2%	15	digital

Table of technical characteristics of SUNTEK stabilizers

	Standard	Standard NN	Optima	Medium	Elite
Number of phases					1
Operating range of input voltage, V	140-260	100-255	165-260	140-265	160-250
Limit range of input voltage, V	130-275	85-265	140-270	120-275	140-265
Accuracy of stabilization	220 ± 4,5%	220 ± 5%	220 ± 6%	220 ± 3%	220 ± 2%
Output voltage range, V	210-230	209-231	207-233	213-227	215-224
Number of correction levels (steps)	8	8	4	12	15
Permissible overload					100% - 35 c.
Efficiency, %					98
The range of load changes, %					0-100
Key type					thyristors
The control voltage of one level of correction, ms					≤20
Overload and short circuit protection					electronic and automatic switch
Installation					floor, wall
Ambient temperature range, °C					-5 to +50
Protection class					IP 20
Resistance to mechanical stress					M1 according to GOST 17516.1
The distortion of the sinusoidal voltage					does not cause distortion or additional interference
Operating mode					continuous
Warranty period, months					36
Service life (at least), years					10



Graph of power dependence on input voltage



The warranty for SUNTEK voltage stabilizers is 3 years

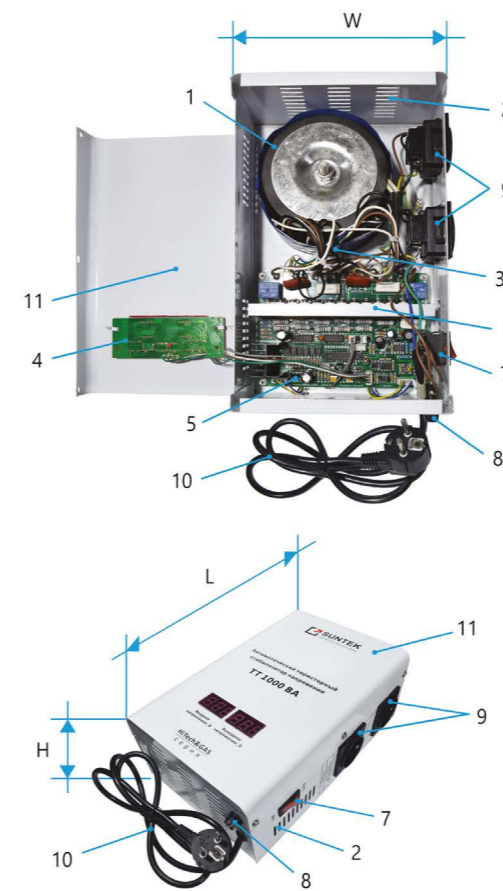


Thyristor Thyristor type voltage stabilizers of the HiTech&GAS series

HiTech&GAS is a series of small-power 230-Volt thyristor stabilizers specifically designed to protect gas boilers and other sensitive equipment from power surges.

Modern gas boilers have high performance characteristics. They are easily programmed for the desired mode of operation, independently perform control and adjustment of their work. However, such high-tech equipment cannot do without electricity. Boilers need a stable power supply. Unfortunately, currently, the parameters of the power grid can often be far from ideal. The installation of the SUNTEK HiTech&GAS stabilizer will provide protection against power surges and thus guarantee long and uninterrupted operation of expensive boiler equipment.

The HiTech&GAS line features a wide operating range (120-280 Volts), high speed and stabilization accuracy (230 Volts ±3%). For ease of use, the stabilizers are equipped with two displays that display both the output and input voltage, have a fuse, two sockets and a wire with a plug for connecting to the network. The metal case can be placed either in the floor or wall version.



Thyristor voltage stabilizers HiTech&GAS series

1. Autotransformer coil
2. Holes for natural cooling
3. Thermode
4. Display Board
5. Control card
6. Thyristor block
7. On/off button
8. Safety
9. Sockets
10. Euro plug with cord to connect to the network
11. Metal stabilizer housing

L - length
W - width
H - height

Advantages



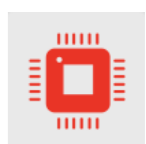
Input voltage range



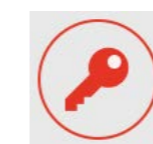
Work from -30°C



The accuracy of the output voltage



Microprocessor control



Electronic key



Digital indication



Universal metal case



Speed

Features



Overload protection



Overheating protection



Automatic start



Control unit



SUNTEK TT 500 VA

The AC voltage stabilizer with SUNTEK Hi Tech&GAS thyristor amplifier is designed for connecting various high-precision devices, as well as boiler equipment with a capacity of up to 500 VA. The device is characterized by a wide range of input voltage, accuracy, speed and is able to provide reliable protection of equipment from power surges.

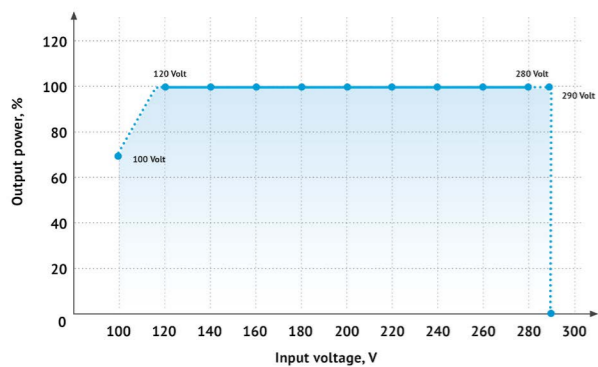


SUNTEK TT 1000 VA

The advanced SUNTEK HiTech&GAS thyristor stabilizer is an excellent alternative to servo devices. It is characterized by a high speed of regulation and can be used with the most demanding precision stabilization devices (with medical and laboratory equipment, computers, audio and video equipment, boiler equipment).

Table of main parameters of SUNTEK stabilizers

Model	Power (VA)	Input voltage range (V)	Output voltage range (V)	Sizes (cm)	Weight (kg)
SUNTEK TT 500	500	120-280	230±3%	29x18x11.5	4
SUNTEK TT 1000	1000	120-280	230±3%	29x18x11.5	7



Graph of power dependence on input voltage



The warranty for SUNTEK voltage stabilizers is 3 years



Three-phase voltage stabilizers

SUNTEK three-phase voltage stabilizers are designed specifically for connecting three-phase equipment. They allow you to stabilize three phases simultaneously, while saving space.

Advantages



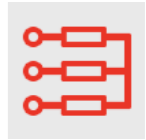
Microprocessor control



The accuracy of the output voltage



Control each phase



3 phases in one housing

Features



Overload protection



Overheating protection



Reinforced brush Assembly



LCD display

Features of SUNTEK three-phase voltage stabilizers:

- Professional multi-stage equipment protection system designed for use in Russian power supply networks;
- Filtering RF interference and normalized suppression of pulse overvoltages to a safe level in accordance with domestic and international standards;
- High-speed voltage regulation to protect against network fluctuations;
- Automatic shut-off in case of unacceptable changes in the network voltage or frequency;
- Automatic power-up with a delay when the network is normalized to protect the equipment from frequent power-ups;
- Control of overheating when operating with overload;
- Manual switching to the built-in bypass circuit in case of prevention or malfunction;
- Natural cooling, high efficiency;
- Compact design;
- Service life of at least 10 years.



Three-phase voltage stabilizer SUNTEK 15000 VA

Three-phase voltage stabilizer designed for connecting equipment with a total capacity of up to 15 kVA.



Three-phase voltage stabilizer SUNTEK 20000 VA

We recommend for cottages, country houses, for connecting machines and equipment!

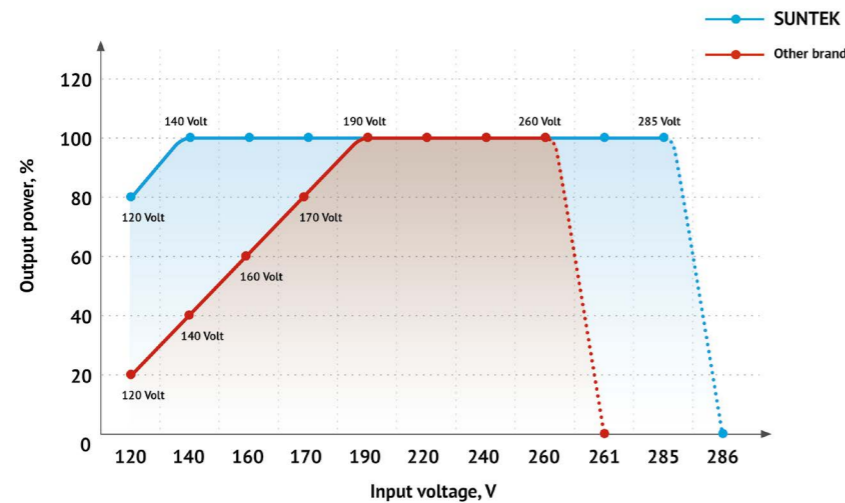


Three-phase voltage stabilizer SUNTEK 30000 VA

Suitable for power supply of the whole house, power supply of equipment, industrial machinery, etc. The best option!

Table of technical characteristics of SUNTEK stabilizers

Type	three phase
Management	electromechanical
Display	digital
Output voltage, V	215-225 (phase) and 365-395 (linear)
Input voltage range, V	120-285 (phase) and 240-450 (linear)
Operating frequency, Hz	50
Efficiency, %	97
Accuracy output voltage, %	3
Reaction rate, V/s	30
Distortion of a sine wave	no
Overload protection	yes
Automatic shutdown when the voltage goes out of range	yes
Cooling	natural
Temperature range, °C	from 0 to 45
Relative humidity	no more than 80%
Protection class	IP 20



Graph of the power dependence on the input voltage (phase)



The warranty for SUNTEK voltage stabilizers is 3 years



Powerful automatic voltage regulators

SUNTEK stabilizers with ratings of 20 kVA and higher are used to protect equipment installed at industrial facilities, in private homes, cottages, from voltage drops. To solve various problems, you can choose a relay type stabilizer (SUNTEK 20000 VA) or an Electromechanical type stabilizer (SUNTEK 20000VA-EM, SUNTEK 30000VA-EM). All models support a wide range of input voltages and are disabled only when going beyond 285 Volts.

- Professional multi-stage equipment protection system designed for use in Russian power supply networks;
- High-speed voltage regulation to protect against network fluctuations;
- Automatic shut-off in case of unacceptable changes in the network voltage or frequency;
- Automatic power-up with a delay when the network is normalized to protect the equipment from frequent power-ups;
- Control of overheating when operating with overload;
- Forced cooling, high efficiency;
- Compact design;
- Service life of at least 10 years.
- Стабилизаторы выполнены в вертикальном напольном исполнении, что позволяет удобно размещать их в служебных помещениях малой площади.

Table of technical characteristics of SUNTEK stabilizers

Display	digital
Input voltage range, V	140-285
Operating frequency, Hz	50
Efficiency, %	97
Distortion of a sine wave	no
Overload protection	yes
Automatic shutdown when the voltage goes out of range	yes
Cooling	compulsory
Relative humidity	no more than 80%
Protection class	IP 20



The warranty for SUNTEK voltage stabilizers is 3 years



Single-phase variac transformers with a range of 0-300 Volts

Variac transformers – one of the types of autotransformer designed to regulate the voltage from the AC network and allow the output to receive and hold the voltage as less than the input, and more. The SUNTEK variac transformers is distinguished by displaying output voltage readings on a liquid Crystal (LCD) display (informative and accurate), smooth running of the control knob, convenient mounting of input and output wires, and build quality. The SUNTEK variac transformers allows you to change the output voltage from 0 Volts to 300 Volts with an accuracy of 1 Volt.

Use of variac transformers

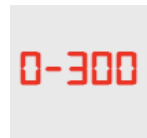
SUNTEK variac transformers is used both for scientific and industrial purposes, and in everyday life to obtain a set voltage in the range of 0-300 Volts.

Variac transformers are used for a variety of tasks:

- Research work, conducting tests, experiments;
- Removing characteristics from an email.components';
- Heating the string for cutting foam and plastic;
- Temperature control of heating elements;
- As a «non-standard voltage» source for equipment with an input voltage of 220 220 Volts (for example, 164 Volts).

The SUNTEK variac transformer can be used with equipment that is «powered» in a 110 Volt network. Just set the output voltage regulator knob to 110 and the device will get the set voltage. The main difference from the 220/110 V transformer is that there is no clear transformation coefficient. If you lower or increase the input voltage at the output, you can set 110 Volts, and when using a transformer 90, 120 Volts at the output is not uncommon.

Advantages



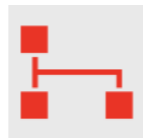
Extended output voltage range



Accuracy regulations



LCD display

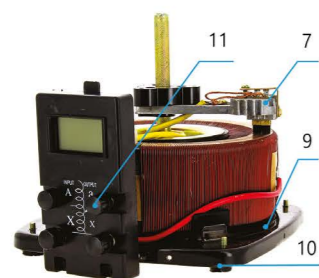


Reinforced brush assembly



Variac transformers SUNTEK

1. Protective casing
2. Transfer handles (models from 3000 VA and higher)
3. Adjustment knob
4. Information scale
5. Holes for natural cooling
6. LCD display
7. Brush assembly
8. Conductive input and output contacts
9. Insulator
10. The legs of the transformer
11. Terminal clamp



Variac transformer SUNTEK 500 VA (2A)

A single-phase device that operates from a 220 V network and is used to permanently hold the specified output voltage. The variac transformer range at the output is 0-300 Volts. Rated current 2 A.



Variac transformer SUNTEK 1000 VA (4A)

The variac transformer is designed for a rated current of 4A. Output parameters, as with all SUNTEK variac transformer - there is no sine wave distortion, and the output voltage range is 0-300 Volts.



Variac transformer SUNTEK 2000 VA (8A)

The SUNTEK variac transformer autotransformer is a single-phase device with an LCD display that allows you to get a voltage from 0 to 300 Volts at the output. The supply voltage is 220 Volts.



Variac transformer SUNTEK 3000 VA (12A)

SUNTEK variac transformer with a capacity of 3000VA (3 kVA) is designed for a nominal current of 12A windings. It has metal handles for easy transfer.



Variac transformer SUNTEK 5000 VA (20A)

Variac transformer with a range of output voltage regulation of 0-300 Volts is convenient to use. Thanks to the LCD display, you can set the output voltage with an accuracy of 1 Volt.



Variac transformer SUNTEK 10000 VA (40A)

Single-phase variac transformer with LCD display, which operates from a 220V network and is used for constant retention of the specified voltage. The working range of 0-300 Volt.

SUNTEK kits for connecting Variac transformer (made in Russia)



Kit for connecting variac transformer (up to 16A)

Included: 1.5 m wire with a socket and terminals for variac transformer, 1.5 m wire with a plug and terminals for variac transformer.

- Maximum long-term current: 16A;
- Load: max 5 kW;
- The cable is flexible stranded.



Kit for connecting variac transformer (up to 7A)

Included: 1.5 m wire with a socket and terminals for variac transformer, 1.5 m wire with a socket (3 sockets) and terminals for variac transformer.

- Maximum long-term current: 7A;
- Load: max 1.5 kW;
- The cable is flexible stranded.

Table of main parameters of SUNTEK variac transformers

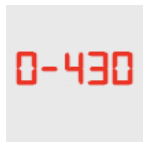
Model	Power (VA)	Output voltage range (V)	Rated current (A)	Sizes (cm)	Weight (kg)
SUNTEK 500 VA	500	0-300	2	14×13×15	3.5
SUNTEK 1000 VA	1000	0-300	4	16×18×21	6
SUNTEK 2000 VA	2000	0-300	8	19×18×21	8
SUNTEK 3000 VA	3000	0-300	12	20×21×23	10
SUNTEK 5000 VA	5000	0-300	20	25×25×27	17
SUNTEK 7000 VA	7000	0-300	28	25×25×27	17
SUNTEK 10000 VA	10000	0-300	40	29×25×40	33
SUNTEK 15000 VA	15000	0-300	60	39.5×32×56	53
SUNTEK 20000 VA	20000	0-300	80	39.5×32×56	60
SUNTEK 30000 VA	30000	0-300	120	39.5×32×113	107



Three-phase variac transformers with a range of 0-430 Volts

SUNTEK three-phase variac transformers are devices that can regulate the voltage at all three phases simultaneously. The control system is made in the form of a handle, the rotation of which changes the position of the brushes on the coils, thereby setting the desired voltage. The output phase voltage range is from 0 to 250 Volts, and the output line voltage is from 0 to 430 Volts.

Advantages



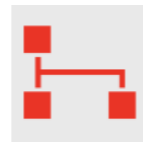
Output voltage range



Accuracy regulations



LCD display



Reinforced brush assembly



Three-phase variac transformer SUNTEK 6 kVA

Variac transformer can be used for testing equipment whose current does not exceed 8A per phase. Continuous operation time up to 6 hours. A convenient, small-sized device that can serve for many years in any laboratory.



Three-phase variac transformer SUNTEK 9 kVA

The maximum load current of 12A per phase allows you to work with a nichrome thread, connect pumps and compressors. A convenient, functional device that can serve for a long time if the operating conditions are met and the load is chosen correctly.



Three-phase variac transformer SUNTEK 30 kVA

SUNTEK 30000 VA variac transformer - suntek's flagship! A powerful, solid device that can work on an industrial scale. Large production facilities, factories, workshops and other large enterprises are willing to use such devices. 40 Amp coils can withstand heavy loads.



Three-phase variac transformer SUNTEK 15 и 20 kVA

Powerful devices designed for testing equipment in research centers, laboratories, and connecting production equipment. Variac transformers 15 kVA and 20 kVA have the same overall dimensions, but differ in power and maximum load current (20A and 27A, respectively).

Table of main parameters of SUNTEK variac transformers

Model	Power (VA)	Output voltage range (linear, V)	Rated current (A)	Sizes (cm)	Weight (kg)
SUNTEK 6000 VA	6000	0-430	8	26×20.5×50	29
SUNTEK 9000 VA	9000	0-430	12	29×23×52	33
SUNTEK 15000 VA	15000	0-430	20	32×26.5×59	50
SUNTEK 20000 VA	20000	0-430	27	32×26.5×59	60
SUNTEK 30000 VA	30000	0-430	40	34×26.5×113.5	102



Variac transformers of the RED series with a range of 0-300 Volts

Variac transformer SUNTEK RED is a single-phase device with an LCD display that allows you to get a voltage from 0 to 300 Volts at the output. Thanks to the use of new design elements in this series, it has become easier, more convenient and safer to connect and use variac transformer.

All models of SUNTEK RED series variac transformers have a current fuse, which will protect the device from overheating and burning out the coil winding. In models 500VA, 1000VA, 2000VA, the connection to the network is made using a wire with a plug, and the connection of the load through a socket on the case. A special button is provided for turning on/off the device's power.

SUNTEK RED variac transformers are easy-to-use and reliable devices that are widely used both for scientific purposes and in everyday life, as a source of «non-standard voltage» other than 220 Volts.

The variac transformer is simple and does not require additional maintenance. If the operating conditions are met and the load is chosen correctly, it will last for a long time.

The warranty period is 24 months.



Variac transformers of the RED series

1. Safety
2. LCD display
3. Metal case
4. Adjustment knob
5. Information scale
6. Holes for natural cooling

Models 500 VA, 1000 VA, 2000 VA

7. On/off button
8. Euro plug with cord to connect
9. Socket



Models 3000 VA, 5000 VA, 10000 VA

10. Terminal clamp
11. Handles for carrying

Advantages



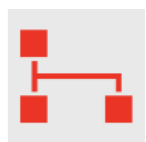
Extended output voltage range



Safety



LCD display



Reinforced brush assembly



Socket/plug (500-2000VA)



Informativity



Accuracy regulations



Variac transformer SUNTEK RED 500 VA (2A)
Convenient, reliable and functional device for constant retention of the specified output voltage in the range from 0 to 300 Volts. The nominal current is 2A.



Variac transformer SUNTEK RED 1000 VA (4A)
Single-phase variac transformer is designed for a rated current of 4A. the output voltage Range is 0-300 Volts. LCD display, wire with plug for connection to the network, socket, fuse.



Variac transformer SUNTEK RED 2000 VA (8A)
Variac transformer SUNTEK RED - allows you to get the output voltage from 0 to 300 Volts. It is easy to connect, has an informative display, a fuse.



Variac transformer SUNTEK RED 5000 VA (20A)
The SUNTEK RED series variac transformer with a capacity of 5000VA is designed for a nominal current of 20A windings. It has a fuse, there are metal handles for easy carrying.

Table of main parameters of SUNTEK variac transformers

Model	Power (VA)	Output voltage range (V)	Rated current (A)	Sizes (cm)	Weight (kg)
SUNTEK RED 500 VA	500	0-300	2	14×13×15	3.5
SUNTEK RED 1000 VA	1000	0-300	4	19×18×20	6
SUNTEK RED 2000 VA	2000	0-300	8	19×18×20	8
SUNTEK RED 3000 VA*	3000	0-300	12	20×21×23	10
SUNTEK RED 5000 VA	5000	0-300	20	25×31×28	17
SUNTEK RED 10000 VA*	10000	0-300	40	29×31×40	33

* - SUNTEK RED 3000 VA and 10000 VA models Are on sale soon.



The warranty for SUNTEK variac transformers is 2 years



Devices for protection against fire zero and overvoltage UZON



SUNTEK C – automatic power-off system for high voltage surges. This system is used to protect electrical equipment, household, industrial and office equipment from accidents in the power grid.

When high voltage breaks down the whole machinery. Most often, power supplies burn out, which dramatically increases the likelihood of a fire in the room. But even if the fire was avoided, how much time and money is spent on restoring equipment burned due to overvoltage.

Developed in the SUNTEK design office, the device reacts to zero burnout in the network (the occurrence of an increased voltage on the phase wire up to 380 Volts) and instantly turns off all devices in the house (the reaction time is 30 milliseconds).

The upper limit of the cutoff is adjustable. The factory setting of the upper limit of the cutoff of the UZON is set to 285 Volts, which allows it to work harmoniously with the SUNTEK voltage stabilizers. To protect not only your home from zero burnout, but also the voltage stabilizer, install this protection in front of the voltage stabilizer and You will have full protection against any voltage fluctuations in the network during the phase.

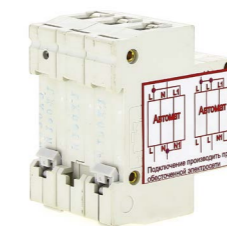
The SUNTEK-C range of UZONs contains such denominations as: 25A, 32A, 40A, 50A, 63A.

Job description

The device is designed for round-the-clock operation. During the entire operating time, the voltage is monitored at the phase to which the device is connected. At the moment when the voltage level reaches the threshold value of 285 V (the threshold is adjustable) with a deviation of 2.5 %, the device triggers and clicks the machine to the off state. Re-enabling the device is performed manually. If the input voltage level is less than the threshold value at the time of switching on, the device will turn on. Otherwise, the device will be turned off again.



UZON SUNTEK-C 25A devices for protection against fire zero and overvoltage



UZON SUNTEK-C 32A devices for protection against fire zero and overvoltage



UZON SUNTEK-C 40A devices for protection against fire zero and overvoltage



UZON SUNTEK-C 50A devices for protection against fire zero and overvoltage



UZON SUNTEK-C 63A devices for protection against fire zero and overvoltage

” We recommend installing the SUNTEK-C UZON in front of the SUNTEK voltage stabilizer. After all, at a high voltage, above 285 Volts, the voltage stabilizer disconnects the entire load from the power supply, but it remains under high voltage in anticipation of lowering the voltage in the network. ”

Table of technical characteristics of UZON SUNTEK

Response time, ms	30.
Operating mode	around the clock
The turn off threshold, V	285
Deviation from the shutdown threshold, %	± 2,5
Weight, kg	0,4
Warranty period, months	12



Led products

The led products presented by SUNTEK have proven themselves well in the Russian led market. These are high-quality, reliable products at reasonable prices. The product range is wide: led spotlights, led spotlights with motion sensor, light panels, led lamps, etc. the warranty For all products is 2 years, the service life of the products is not less than 50,000 hours. Buying led products, you save your own money.

Led products are represented by the following varieties:

- Led floodlights;
- Led spotlights with motion sensor;
- Led floodlights powered by a 12 Volt DC power supply;
- RGB led floodlights (multi-color) with remote control;
- Led floodlights of the «bell» type.

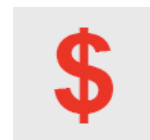
LED lamps are used for:

- Outdoor lighting (street lighting, illumination of buildings, illumination of facades);
- Industrial lighting (industrial premises, warehouses, hangars);
- Garden and landscape lighting (lawns, borders, fountains, artificial reservoirs, trees and bushes, decorative elements: gazebos, benches, etc.);
- Decorative lighting (showcases, galleries, residential interiors);
- Advertising lighting (lighting of billboards and advertising structures);
- Traffic lights and road signs;
- Lighting of sports and leisure facilities, stage lighting and much more.

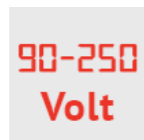


The warranty for all led equipment is 2 years

Advantages



Low power consumption



High quality LEDs



Not afraid of shaking



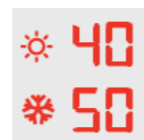
Vlago and dust-proof housing



Durability



Stutter-free



Wide operating temperature range



High light output



Led floodlights with IP 65 protection standard version

Classic models made in reliable gray cases. The quality of LEDs is guaranteed by well-known manufacturers EPISTAR, BRIDGELUX, TAIWAN JINGYUAN, etc. Models are presented in denominations from 10 to 200 watts. Their power and service life will be sufficient to create a stable illumination of any objects for 6-10 years or more.

Additional advantages of led floodlight:

- Vibration resistance due to the lack of filament;
- The number of on / off cycles does not affect the lifetime of the led;
- Safety: standard voltage is used during operation;
- The powerful led only heats up to 50 degrees Celsius;
- Environmental friendliness (no mercury in the led);
- The led projector is compact, weighing from 500 grams;
- Lighting angle 120 degrees;
- The case is made of aluminum, which is not subject to corrosion.



IP65 led floodlights with motion and light sensor

In addition to all the advantages of a conventional searchlight, this type of searchlight is equipped with special sensors with manual adjustment, which allow you to set the necessary sensitivity to light and movement near the searchlight. The values from 10 to 50 watts.



RGB led floodlights

RGB led spotlights are designed to illuminate the facades of buildings, architectural structures, landscape solutions, lighting cafes and restaurants, etc. recently, they are used more often and even where not so long ago they were not planned to be used. They are firmly embedded in the life of architecture and design due to the breadth of tasks that can be solved.

LED RGB lamp, which is the main part of this complex product, serves for a long time, economically. It is controlled by a programmable controller in the form of a remote control, with which you can select the color of the glow or set a gradual, smooth change of one color to another. Moreover, the control panel has the ability to run a recurring program for the whole night with an automatic start when the level of natural lighting of the object is lowered.

- Service life: 50 thousand hours;
- Degree of protection: IP65;
- Rated voltage: 220 V (working voltage 120-285 V);
- All colors of the rainbow;
- Led type: 1-3528 2-5050 3-4-DIP Powerful led (Taiwan);
- Network frequency: 50 Hz;
- Radiation angle: 120 degrees.



12 Volt led floodlights

Scope of application: lighting or illumination of showcases, expositions, industrial, warehouse, sports facilities, building facades, housing and communal services, and so on. They are indispensable in places where energy savings and high reliability are required. The searchlight has a water-proof housing. The lamps have such qualities as high light output, noiselessness during operation, a wide range of operating temperatures, a short time to enter the mode (no more than 1 second), and a service life of more than 10 years. The lamps are made on the basis of LEDs from Epistar (Taiwan) and are manufactured primarily with a color temperature of 4500k – neutral white. This type of searchlight is represented by a range of up to 50 watts.



Led floodlights for industrial use (such as Bell, High Bay)

Bell lamps are designed for indoor lighting of public, administrative, office, industrial, commercial and other premises with high ceilings. They are a modern alternative to outdated fluorescent and halogen lamps. They are indispensable in places where energy savings and high reliability are required. Lamps are waterproof and possess qualities such as high luminous efficiency, quietness during operation, the stability of intensity over the whole range of supply voltages, a wide range of operating temperatures and supply voltages, fast output mode (no more than 1 second), the service life of over 20 years. The lamps are made on the basis of Epistar (Taiwan) LEDs with a color temperature of 4500K-neutral white. Presented in denominations of up to 200 watts.



Dealer in your area:

