Admission date	Realization date	Signature	Remarks

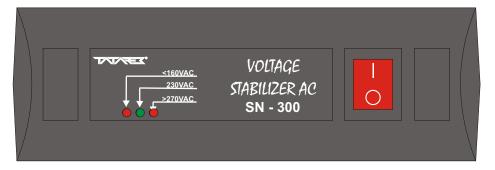
# Zakład elektroniczny TATAREK Jerzy Tatarek

50-559 Wrocław, 75 Swieradowska st ph. (071) 367-21-67, 373-14-88, fax 373-14-58; ITIN: 899-020-21-48; Bank account : BZ WBK S.A. O/WROCŁAW 6910901522-0000-0000-5201-9335 www.tatarek.com.pl.; E-mail: tatarek@itatarek.com.pl



## **USER MANUAL**

# MICROPROCESSOR VOLTAGE STABILIZER SN-300



The SN300 voltage stabilizer maintains a stable voltage of 230V. It enables a correct operation of devices sensitive to the fluctuations of the power. Additionally the stabilizer protects the connected device against a sudden increase of the power supply, disconnecting it quickly from the mains.

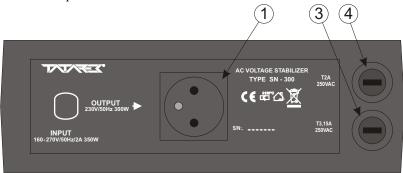
# 1. Basic parameters of the stabilizer

Power	150V - 275V / 50Hz
Stabilization range (change of the input voltage)	165V 275V
Maximum power of the load	300W
Change of the output voltage	230V±5%
Disconnection of the output at the input voltage above	275V
Disconnection of the output at the input voltage below	155V
Power-side fuse	3.15A/250V
Load-side fuse	2A/250V
Low voltage indicator	red LED
Correct voltage	green LED
High voltage indicator	red LED
Maximum output voltage	400VAC

### 2. Operating the stabilizer

You connect first the device to the power socket ①, which is located on the back panel of the stabilizer, then the power cable to the wall plug-in socket. There are fuse holders on the back panel of the stabilizer. There's a 2A load-side fuse ② in the upper part and a 3,15A power-side fuse ③ in the lower part.

Fig. 1. View of the back panel of the SN-300 stabilizer



After connecting the external device and plugging in the power cable of the stabilizer to the mains socket you switch on the power switch 4 located on the front panel (Fig.2) There are 3 LEDs indicating the device state on the left. If the green LED lights up 2 it means the mains voltage is within the optimal range that allows the stabilizer to operate properly and there's a voltage on the output. If the red LED 1 flashes it means the mains voltage dropped close to the lower limit that is acceptable by the stabilizer. If the diode 1 lights steadily it means the mains voltage dropped below the lower limit. In that case the output of the stabilizer is disconnected and the green LED 2 goes out.

Analogously, the short blinks of the red LED(3) indicates the mains voltage comes up close to the upper limit that is acceptable by the stabilizer. If the diode (3) lights steadily it indicates the mains voltage increased beyond the acceptable range. In that case the output of the stabilizer is disconnected and the green LED(2) goes out.

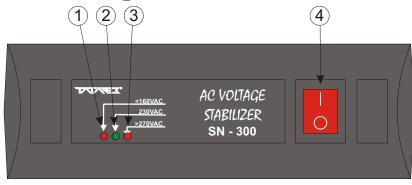


Fig.2 View of the front panel of the SN-300 stabilizer

#### **WARRANTY**

- 1. Warranty is valid [24] months from the date of sale.
- 2. Producer does not take responsibility for any mechanical damages made by user.
- 3.MAKING REPAIRS OR MODYFYING THE STABILIZER BY THE USER IS FORBIDDEN AND CAUSES WARRANTY CANCELATION
- 4. Warranty card is valid only with date of sale, seller's signature and stamp
- 5. Warranty and after-warranty repairs should be done only by producer, damaged stabilizers should be sent to the producer in order to make all repairs needed.
- 6. Warranty protection includes the EU
- 7. Warranty does not exclude, not restrict and not suspend buyer's rights coming from the incompatibility of the article with the agreement (Laws Journal No. 141 Pos. 1176)

#### WARNING!

ANY MODIFICATION OF THE STABILIZER MADE BYTHE USER CAN BE THE CAUSE OF SAFETY CONDITIONS DETERIORATION AND CAN EXPOSE THE USER TO ELECTRIC SHOCK OR DAMAGE DEVICES SUPPLIED.

Date of sale Seller's signature and stamp



Register No.. GIOS: E 0002240WZ

Worn out electronic and electric devices must be transfered to the utilization collection place, where will be accepted for free ARGO-FILM Recycling Plant No. 6 180 Krakowska st., 52-015 Wroclaw ph.: 071 794 43 01, 0 515 122 142



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