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## SM1200 KEPENK UPS



### WARRANTY CONDITIONS

1. 2 Year Warranty. The warranty period begins on the date of delivery of the product.
2. All parts of the product are under the warranty of our company.
3. In case the product fails within the warranty period, the time spent in repair is added to the warranty period. The repair time of the product is a maximum of 30 business days. This period starts from the date of notification to the service station of the product-related malfunction to the seller, dealer, agent, importer, or manufacturer of the product in the absence of the service station.
4. If the product fails due to material and workmanship defects within the warranty period, will be repaired without any charge under the cost of labor, changing parts, etc.
5. Malfunctions resulting from the use of the product contrary to the points in the user manual are out of warranty.

### UPS INSTALLATION

#### Select Location

Since the UPS works with a remote-control system, it should be mounted close to the exterior. Otherwise, the control distance will be shorter. The place where the UPS will be installed should be visible, and where in case of a malfunction it will be easy to get to the device.

The UPS should be mounted away from areas that may generate magnetic fields (electrical wiring lines, electrical panels, etc.). UPS should not be installed in humid, sunny, and hot environments.

#### Electrical Connection

Electrical connections of the UPS must be made by authorized persons. Do not connect anything other than the UPS shutter motor.

The cables used must be free of joints and must be of the correct size.

### KONTROL PANELİ

ON-OFF BUTTON

LOADING BUTTON

STATUS INDICATOR



**ON - OFF BUTTON:** Used for UPS 'on-off operations.

**LOADING BUTTON:** Used for remote control identification and memory deletion

**STATUS INDICATOR:** Shows a warning about the status in the UPS.

The situations that may occur in Ups are as below.

**LINE:** When there is a 220V network on the UPS, the LINE Light turns on steadily, if there is no network, the Line light flashes, and blinks.

**MESSAGE:** Information Light. Shows visual information about the condition that may occur.

**BATTERY:** Shows the battery charge level.

## ALARM AND WARNINGS

**OVERLOAD WARNING:** When the UPS is overloaded, the unit will automatically shut off the output after 15 seconds. During an overload, the MESSAGE-BATTERY indicator lights up constantly and emits an audible warning.

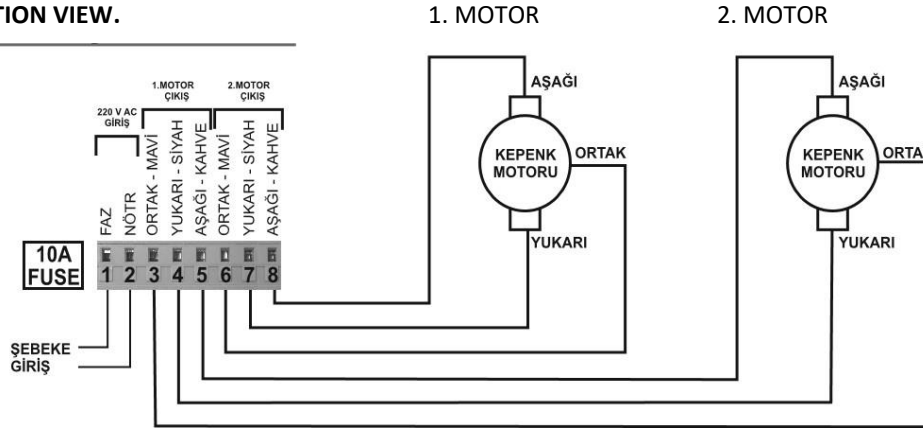
**OUTPUT SHORT CIRCUIT WARNING:** The output is automatically disconnected in the event of a short circuit that can occur at the motor outputs. LINE-MASSAGE-BATTERY Indicators blink and beep sound warning.

**BATTERY NOT CHARGING WARNING:** If the BATTERY indicator flashes while the mains is on, the battery is being charged. If the battery is not charging, the BATTERY indicator will turn on with a warning sound for 8 seconds every 5 minutes.

**NO MAINS WARNING:** LINE indicator is flashing. Will be an audible buzzer warning every 15 minutes.

**WARNING ON OPERATION IN INVERTER:** The "BATTERY" indicator is constantly light and a buzzer sound every 3 seconds.

## INSTALLATION VIEW.



Attention: the blinds must be actuated sequentially. When you run two flaps at the same time, your device may give an overload warning. In this case, the "LINE-BATTERY-MESSAGE" indicators will flash simultaneously. Switch the device off and on again with the ON-OFF button.

## INSTALLING THE REMOTE CONTROLLER

Use the "ON-OFF" switch on the UPS to the "ON" position. Press the loading button on the UPS for 2 seconds. The MESSAGE - BATTERY indicator will light up with the beep, if these two lights are on together, the control teaching mode has been activated. When you press the loading button again without taking your hand while the remote identification mode is active, the MESSAGE - BATTERY lights will blink one by one, press the number one button of your remote control. At this point, each remote you introduce will control the MOTOR OUTPUT.

When you take your hand off the loading button, this time the LINE - MESSAGE light will turn on together. When you press the loading button again without taking your hand, the LINE - MESSAGE lights will flash

sequentially, Perform the identification process by pressing the number two button of your remote. At this stage, every remote you introduce will control MOTOR OUTPUT 2. Wait 15 seconds to exit this mode or turn your device off and on from the On / Off button.

## DELETING THE REMOTE CONTROL FROM THE MEMORY

Turn the "ON-OFF I switch" on the UPS to the OFF position. Hold down the LOAD button and at the same time turn the "ON-OFF" switch to the "ON" position. As soon as you take your hand off the button, the deletion will be completed.

Attention: When the deletion is done, all the controls that have been entered into the memory will be deleted from the memory.

## CHARGING

If there is utility power input, even if the UPS is turned off, the UPS will start charging automatically. Make your shutter run from the batteries by disconnecting the mains electricity coming to the UPS every 2 months. In this way, you will ensure that the batteries are discharged and recharged later, and you will extend the working life of the batteries.

## SAFETY WARNINGS

1. This manual contains important safety instructions. Please follow all instructions in the installation phase. Please read this manual carefully before starting to commission the device..

To avoid the risk of fire and electrical shock, install the device and control the temperature and humidity indoors.

Electric shock risk! Even if the mains is not connected inside the UPS, live points may be energized and dangerous due to the battery power supply.

2 This UPS is designed only for automatic shutter systems and cannot be used for other purposes.

## FAILURE STATUS

If the UPS does not work during power failure, the batteries of the UPS may be defective, the charging unit may be defective. Contact your dealer.

UPS control distance is short. Your remote's battery may be dead, there may be intensive electrical cables passing near the UPS antenna, there may be intensity (noise) in the 433 Mhz band. Contact your dealer.

If the shutter works in one direction, the motor output ends may be connected incorrectly.

Correct the wiring, as a result of incorrect connection the UPS may have failed. Contact your dealer.

If the shutter does not work during power failure, the shutter may be stuck, the batteries may be empty. Contact your dealer.

If the line led is not lit, there may be no power to the UPS. The fuse may have blown.

## Technical Specification

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Product Code: SM-1200

Power: 1000 W

Input Voltage & frequency : 220 VAC; 1 Faz / 50-60 Hz

Output Voltage & Frequency 220 VAC; 1 Faz / 50-60 Hz

Grid Operation Range: 170-230 VAC

RF Operation Frequency: 433,92 MHZ

Battery Type & Warranty: Maintenance free dry type / 2 Years

Number Of Battery: 2 pieces 12V 9 Ah

Charge & Standby Period: 12 hours / 4 days (96 hours)

Remote Control Range: 30 m

Indicators: Line – Message – Battery

Alarm & Warnings: Warning on operation from the battery, excessive load warning, no battery warning, no network warning.

Protection: Excessive load protection, short circuit protection

Operation Temperature: 0°C- 50 °C

Net & Lifting Weight: 6,8kg /160-220 kg

Dimensions: 320 x 230 x 76 mm

Options: External receiver, 42 pieces remote controller