

 **REAL-EL**

USER'S MANUAL



**SURGE PROTECTOR
with USB Charger**

RS-8F USB Charge

Congratulations on purchasing the TM REAL-EL surge protector!

Please read this User's Manual before using the unit and retain this User's Manual in a safe place for future reference.

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PACKAGE CONTENTS

- Surge protector – 1 pc
- User's manual – 1 pc
- Warranty card – 1 pc

APPLICATION

RS-8F USB Charge surge protector with the built-in USB charger is designed for connection of electrical appliances to the electrical network and their protection against high-voltage surge pulses and permanent filtration of high-frequency noises.

FEATURES

- Built-in surge protection
- Double-pole power switch with LED
- Grounded sockets with protection shutters
- Resettable fuse does not require replacement
- 2 USB ports to charge two devices simultaneously
- USB charger is suited for most devices
- Pure copper cable without alloys

SAFETY PRECAUTIONS

- Do not connect the surge protector to the electrical network with over-rating voltage.
- Do not connect the load to the surge protector with the total power, which exceeds the power indicated in specifications of this device.
- Do not use the surge protector in places with possible ingress of liquid, moisture, dust and high temperature exposure.
- Do not open and do not make any repairs by yourself.
- Connect the surge protector to the grounded electrical network.

CONNECTION

- Connect equipment to surge protector sockets.
- Connect the surge protector to 230 V electrical network, turn on the master switch, LED will light.
- If required connect a device to be charged to one of USB ports.

OPERATION

- Do not overload the surge protector by connection of several powerful devices.
- On operation of the automatic fuse due to the overload, turn on the surge protector once more in 5-10 minutes after reduction of the total connected load to a permissible limit. For this purpose, press the on/off button on the fuse.

- If high-voltage impulses or intolerable high voltage occurs at the surge protector input, the built-in emergency protection can disconnect the surge protector completely. The surge protector operation with the partial or complete resource loss of the surge protector components is intolerable.

TECHNICAL SPECIFICATIONS

Parameters and measurement unit	Value
Rated input voltage, V	~230
Operating frequency, Hz	50
Total power of connected load, kW	≤ 3.68
Maximum energy absorption of pulse interference, J	200
Maximum load current, A	16
Input plug type	CEE 7/7
Output socket type	8 × CEE 7/3
USB charger output voltage	5 V ± 5 %
Maximum output current of USB charger, mAh	2100
Cable length, m	3
Dimensions (L × H × W), mm	330 × 40 × 130

Notes:

- **Technical specifications given in this table are supplemental information and cannot give occasion to claims.**
- **Technical specifications and package contents are subject to change without notice due to improvement of TM REAL-EL production.**



Model: **RS-5F CHARGE 4**

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