

**MANUAL DE USUARIO
FUTURA 1000**

VOLTAGE REGULATOR 1000VA

Models: 115Vac & 220Vac



1. Product Features

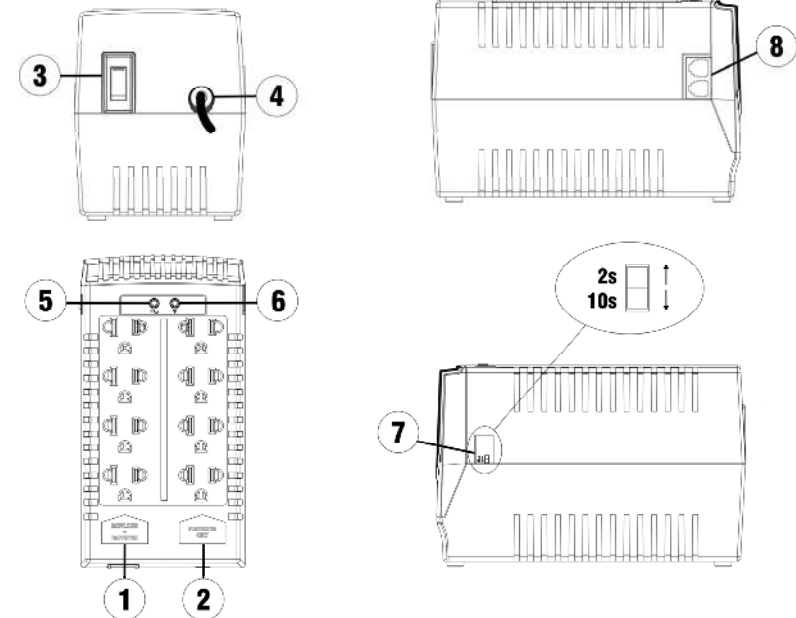
This unit is a state-of-the-art voltage regulator. Internal XSMART voltage stabilizer is designed to protect all your electronic, electric, and computer equipment, suppressing all power failures from power main line. Among most common power failures to be suppressed: Transitory Overvoltage (Spikes), High-Voltage, Low-Voltage, and others. Power protection offered by FUTURA-1000 is designed to fulfil computer equipment, such as: Monitor, Modem, Router, External Hard Discs Drives, etc. Your FUTURA-1000 can also protect your TV, Audio, and Video equipment, for as long as the regulator capacity is not exceeded. FUTURA-1000 main features are listed below:

- Supplies clean and safe power. Suppresses transitory overvoltage (Spikes) of thousands of volts which might appear in your power line (L-N), caused by storms, and lightning. Also stabilizes power line in case of high voltages, low voltages, or voltage fluctuations.
- Doble protection against overloads and short-circuits, thanks to an Input Breaker which can be restarted in case of being tripped.
- Offers 2 groups of power outlets with 4 power outlets each one. Group identified as "REGULATED+PROTECTED" includes voltage stabilization, as well as surge (spikes) suppression. Second group, identified as "PROTECTED ONLY", offers surge suppression protection, without voltage regulation.

- FUTURA-1000 includes 2 RJ11 connectors to protect telephone line for routers.
- FUTURA-1000 includes a restart delay to avoid immediate power off and power on. During this restart delay, FUTURA-1000 checks main line stability before powering output power outlets. This delay can be configured to 2 Sec or 10 Sec, with a switch located on one side of the unit. Recommended delay for computer equipment is 10 Sec.
- High Impact, Fire Retardant ABS plastic case. Includes an additive which extinguishes fire applied to case.

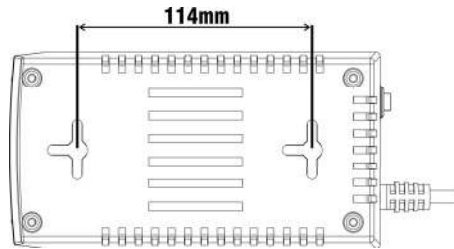
2. Product Description

- 1: REGULATED+PROTECTED: 4 Power Outlets with Surge Suppression & Voltage Regulation
- 2: PROTECTED ONLY: 4 Power Outlets with Surge Suppression, no Voltage Regulation
- 3: Power Switch – Breaker (ON / OFF)
- 4: AC Input Power Cord
- 5: Green LED. Lights up when FUTURA-1000 is powered on
- 6: Orange LED. Lights up when AC Input is either too high, or too low
- 7: Time Delay Selection Switch (Up: 2 Sec, Down: 10 Sec)
- 8: RJ11 Connectors (router) Surge protected.



3. Installation

1. Make sure the installation site for your FUTURA-1000 complies with Tech Specs listed in this manual and that it is not close neither to heat source, nor to humidity. This regulator should not be exposed to direct solar light.
2. This unit can be installed, either on a horizontal surface or fixed to a wall, both horizontally, and vertically.



3. Plug your FUTURA-1000 to a main line power outlet.
4. Make sure, your equipment power switches are in OFF position.
5. Plug equipment to be protected, to regulator's power outlets. Either Regulated+Protected or Regulated Only, according to equipment priority.
6. Push FUTURA-1000 Power Switch to turn on. At this moment Green LED should light up and the Protection Time starts counting. During this period, FUTURA-1000 makes sure the main line stays within voltage and frequency appropriate range. After 10 Seconds, if AC line is correct, power outlets are powered, as well as protected equipment.
7. To protect your Router, connect telephone line to one of FUTURA-1000 RJ-11 connectors, and the other to the Router's input port.
8. Put your equipment power switches to ON position to start enjoying protected power supplied by your XSMART FUTURA-1000.

4. Common Fault Check

- If you detect any failure in your FUTURA-1000, contract your supplier or XSMART Technical Service. This unit does not require any technical service, therefore, please do not open it. Otherwise, you might be exposed to dangerous voltages.
- If your FUTURA-1000 does not work, check the input breaker located in the power switch (rear panel of the unit). If it is tripped, push the button to restart it. Before restarting it, make sure the equipment connected to your FUTURA-1000 do not overload it. Breaker trips when detecting power consumption higher than FUTURA-1000 capacity.

5. Warranty: Terms and Conditions

XSMART guarantees that all products are failure free in materials, manufacture, and design, by selling time. In case of any problem happens with this unit, the user must contact the supplier company that sold the unit, which will process the product revision for either reparation, or replacement (according to its own criteria) any unit considered to be defective. Check Warranty Terms and Conditions for your region in www.xmart-ups.com.

6- Technical Specifications

FUTURA-1000	1000
Capacity / Capacidad	1000VA Max. Total
Surge Protected Outlets / Salidas protegidas contra picos	1000VA / 1000W Total
Regulated Outlets / Salidas Reguladas	1000VA / 600W Total
Input / Entrada	
Model 120V: Voltage / Voltaje (VAC)	115 Vac // (85 - 140 Vac)
Model 220V: Voltage / Voltaje (VAC)	220 Vac // (180 - 280 Vac)
Frequency / Frecuencia (Hz)	50Hz/60 Hz
Output / Salida	
Model 120V: Voltage / Voltaje (VAC)	(115 +/- 10%)
Model 220V: Voltage / Voltaje (VAC)	(220 +/-10%)
Power Outlets / Tomacorrientes de Salida	8 x Nema 5-15R: (4 Regulated & Protected) + (4 Surge Protected)
Protections / Protecciones	
Spikes / Sobre-tensiones Transitorias-Picos (AC LINES: L-N)	Metal Oxide Varistor (MOV)
Model 120V:	Clamping / Voltaje de cebado: 455Vac // 99 Joules
Model 220V:	Clamping / Voltaje de cebado: 320Vac // 148 Joules
* Response Time / Respuesta < 1 nano-segundo	
Spikes / Sobre-tensiones Transitorias-Picos (SOCKET RJ11)	Metal Oxide Varistor (MOV):
Model 120V:	Clamping / Voltaje de cebado: 455Vac // 48 Joules
Model 220V:	Clamping / Voltaje de cebado: 300Vac // 140 Joules
* Response Time / Respuesta < 1 nano-segundo	
Overloads & Shortcircuits / Sobrecarga & Cortocircuitos	Input Breaker / Disyuntor Entrada
Efficiency / Eficiencia	
100% load / A plena carga	97%
Indicators / Indicadores	
LED	(ON / Encendido) & (Input OK / Entrada OK)
Physical / Fisicas	
Size / Dimensiones (Cm)	18.0 x 9.5 x 11.9 cm
Net Weight / Peso Neto (Kg.)	1,14
Shipping / Empaque Transporte	
Size / Dimensiones (cm)	1 pallet (588 units per pallet) 100 x 120 x 2150 cm
Gross Weight / Peso Bruto (Kg.)	1 pallet (588 units per pallet) 960 Kg
Operating Conditions / Ambientales	
Temperature / Temperatura	0-40°C
Humidity / Humedad	< 90% (no condensing)

Technical specifications can be modified to comply with special project requirements / Las especificaciones tecnicas pueden modificarse bajo requerimiento para adaptarse a proyectos especiales
 Technical specifications may change without further notice / Las especificaciones pueden cambiar sin previo aviso.

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