

F 500

FERRORESONANT POWER LINE CONDITIONER



- Ferroresonant principle
- Input voltage 140 Vac - 275 Vac
- Input frequency 50 Hz
- Output voltage 180 Vac - 240 Vac
- Stable output voltage
- Sinusoidal output waveform
- Completely isolated power system
- Low noise and low harmonic distortion output
- Transient voltage suppression and lightning surge protection
- Automatic overload current limiting
- Short circuit protection
- Mean time between failure (MTBF) more than 100,000 hrs.
- Extension power rated 2-4 sets

APPLICATIONS

- Computer network
- Data network
- Work station CAD/CAM
- Medical and scientific equipments
- Security / Access control / Recording systems
- Banking terminals
- Studio / Audio systems

- Telecommunication station
- Communication network
- Factory and industrial equipments
- Automatic equipments
- Remote maintenance area
- POS system
- PABX

Rear Panel



MODEL		F 500
RATED POWER	Pf. = 0.6	500 VA / 300 W
SYSTEM	Ferroresonant	Linear regulated no tap change
INPUT	Nominal voltage (single phase)	220 Vac
	Voltage range	140 - 275 Vac
	Frequency	50 Hz
	Wave form	Sine wave or step wave
OUTPUT	Voltage (single phase)	180 - 240 Vac at 300 W (resistive load)
	Frequency	Synchronize with input
	Wave form	Sine wave
PROTECTION	Overload capability	Continuous ; automatic current limited
	Short circuit	Automatic current limited
		Shutdown and automatic restart
	Attenuation	Common mode: better than 100 dB
		Normal mode: better than 50 dB
	Over voltage	Surge and lightning surge
INDICATOR	Normal operation	Lamp switch (volt meter is optional)
OUTLET	Number of outlet	3
ENVIRONMENT	Temperature	0 - 50°C
	- Housing : normal operation	27 - 28°C (room temperature 27°C)
	: cooling failure	45 - 60°C (room temperature 27°C)
	Relative humidity	0 - 98% (non-condensing)
DIMENSION	W x H x D in cm	14 x 17 x 34.5 cm.
WEIGHT	Approx. in kg	13 kg