

# Series **MAX** On-line Uninterruptible Power Supply



## Max series On-line UPS

is based on double conversion technology technique, where incoming mains is rectified and converted in to DC to charge the battery bank and supply power to the inverter.

The critical load at the output is fed by the inverter which converts the DC into AC at precise voltage and frequency.

It employs state-of-the-art PWM technology to switch the latest generation MOSFETs/IGBTs to generate pure Sinewave output with very low distortion. An advanced auto trickle monitoring technique is employed in its float cum boost charger.



# Series **MAX**

## On-line Uninterruptible Power Supply 1-10 KVA Single phase

### Technical Specifications

DC Bus :	120 VDC for 1 & 2KVA 180 VDC for 3 to 10 KVA
Input Voltage :	180-270V
Input Frequency :	50Hz $\pm$ 10%
Output Voltage :	220/230 $\pm$ 1%
Output Frequency :	50Hz $\pm$ 0.01%
Power Factor :	0.7 lag to unity
Crest Factor :	3:1
Inverter Efficiency :	80%
Switching Frequency :	6.5KHz
Type of Controller :	Digital
Type of Devices :	IGBT & Mosfet
Computer Interface :	Through Db-9 Port
RFI/EMI Protection :	Provided
Acoustic Noise :	<42 dB at one Metre
Transient response on 10% to 100% step load change :	Output remains within 5% and recovery is within 3 cycles

### Protections

Input Over Voltage :	Rectifier trip
DC under/over Voltage :	Inverter trip
O/p under/over Voltage :	Inverter trip



## **ELECTRONIC ENTERPRISES**

67 DSIDC Complex, Okhla Industrial Area, Phase I, New Delhi 110020  
Tel.: 41616509 & 26811774 Fax: 41018608  
E-mail: [elent@vsnl.com](mailto:elent@vsnl.com) Website: [www.elent.in](http://www.elent.in)

**An ISO 9001 certified company**