

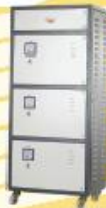
## Technical Specifications

<b>Output</b>	1 to 2.5 KVA	10 to 60 KVA
<b>Voltage</b>	230 V single	3 Phase 380/400/415 VAC selectable
<b>Accepted Voltage range</b>	± / - 20%	
<b>Frequency Range</b>	± / - 10%	
<b>Voltage</b>	220, 230, 240 VAC	1 Phase 230/230/240 VAC selectable 3 Phase 380/400/415 VAC selectable
<b>Voltage Stability</b>	± / - 1% Static, ± / - 0.5% Dynamic	
<b>Waveform</b>	Sinusoidal	
<b>Distortion</b>	2% Linear, 5% Nonlinear	
<b>Frequency</b>	50Hz, ± / - 0.1 Hz	
<b>Crest Factor</b>	3:1	
<b>Overload Capacity</b>	100% continuous, 125% - 10 min, 150% - 10 sec	
<b>Voltage</b>	48 - 100 VDC	240 - 340 VDC
<b>Efficiency</b>	± 90% - Online	
<b>Noise Level</b>	66dB at 1 meter	
<b>Operating Temperature</b>	0 - 40°C	
<b>Humidity</b>	95% (non-condensing)	
<b>Type of Cooling</b>	Forced air-cooling	
<b>Protection</b>	Overload, short-circuit, output high/low voltage	

\* Specifications subject to change without notice. Dimensions & availability pending.



Our other  
Products



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**Zenelec**  
cares like no other,  
for electronic equipment safety...

## Behind the Manufacture

Data communication devices and computers, the back bones of today's world, are more sophisticated by the day. And you are expected to be better for them and better prepared to do your work more efficiently and effectively - in the workplace and at home. Keeping this in mind, Zeno has been concerned to keep your equipment safe from voltage surges, fluctuations and interruptions, and give them years of trouble free use.

At Zeno, with a new dimension to safety by constantly breaking new grounds and exploring the cutting edge, we create products that reflect ingenuity, performance and range. The UPS range of 0.5KVA, all the way up to 60 KVA, is the very BEST in high frequency PWM technology in a truly IGBT design. Our True Voltage Protection range from 1KVA up to 100KVA, for advanced models, with the 100KVA to 500KVA range is all around. Our other power electronic products include facilities and battery chargers.

To get your best in a Zeno UPS option and features look to the right for years to come.

Zeno offers leading power solutions to telecom, IT, industrial, scientific and medical markets.



# ZPS ONLINE UPS series

The ZPS 1:1/3:1 series online UPS Series offers the quality, low working of appliances connected to it, its ultra efficiency as a result because your precious equipment and hardware and under power supply protect you and your investment.



## Behind the Efficiency



ZPS 1:1/3:1 online UPS is designed with high frequency PWM technology with Fast Switching IGBT to get the maximum efficiency.

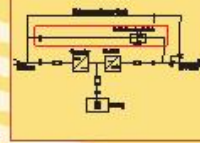
All ZPS models - Medical Performance Manufacturer

Even advanced high performance inverter, provides a variety of features: fast power response, high speed switching and lower power consumption.

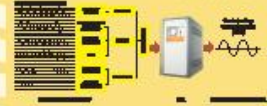
See the best efficiency

Use of the IGBT provides efficient high speed switching (544Hz or 224Hz), thus reducing heat dissipation in the UPS. Higher efficiency means lower cost per kilowatt in the equipment.

## ONE LINE DIAGRAM



## Behind the Protection



### Zeno's double conversion UPS

Zeno's double conversion UPS that converts AC voltage into battery - compatible DC voltage using double conversion technology based on high power semiconductor operation. The drive circuit is then converted by an inverter back to the equivalent of standard utility AC power. A bank of batteries, connected between the two circuits, retains a reserve and longer discharge period for emergency use.

### The Zeno's Advantages

- True AC output on utility
- Protection from output fault from distribution
- On load and no load support
- Scalable design
- Lightening and surge protection
- Remotely monitor and operate

ZPS series UPS

ONLINE UPS