



*This Series of online UPS Symbolizes our enduring quest for innovation, product and electrical engineering standards. it's double conversion IGBT based design ensures clean energy, free of all the nine electrical disturbances. Suitable for information technology; manufacturing, process control, telecom, internet and application service providers.*

*Available in 10-150 KVA rating in 3 phase 100% unbalanced load.*

**20 KVA and above...**



**10 to 20 KVA**



**True Online UPS : Three Phase**

## TECHNICAL SPECIFICATIONS

Model	PowerZen 3ph to 3ph on Line UPS
Rating	10 KVA to 150 KVA
AC Input	415V $\pm$ 15% for Three Phase Input
Frequency	50Hz $\pm$ 6%
DC VOLTAGE :	360VDC
Charging Time	12 Hours for 90% of full Capacity
Charger Type	CVCC Controlled Rectifier Type
<b>INVERTER</b>	
Technology	IGBT Double Conversion
Output Voltage	380 / 400 / 415 V AC Three Phase
Voltage Regulation	$\pm$ 1% for DC I/p variation & o/p load variation
Frequency	50Hz $\pm$ 0.05 Hz
Waveform	PWM Sine wave
Harmonic Distortion	Less than 3%
Inverter Efficiency	> 92%
Power Factor	0.8
Overload	150% for 60 Sec
Crest Factor	3:1
Transient Recovery	$\pm$ 4% under full load change and corrected within 60msec
Phase Displacemen	120° $\pm$ 1°
Audible Noise	Less than 50 dB at 1 Meter
<b>METERING</b>	
Microprocessor based Digital LCD Meter for	R,Y,B Output Voltage, Output current & Frequency, DC Voltage, Battery and Load Percentage
<b>GENERAL</b>	
Dimensions (L x W x H) mm	a) 10 to 20 KVA (1040 x 350 x 910) b) 30 to 60 KVA (1250 x 450 x 1150) c) 75 to 100 KVA (1200 x 600 x 1200) d) 120 to 150 KVA (1500 x 750 x 1250)
Operating temperature	0° to 50°C HumidityMax 95%, Non-condensing
<b>PROTECTIONS</b>	
	Output overload & Short circuit, Output Under & Over voltage, DC Under & Over voltage Input Under & Over voltage, Single Phasing & Phase unbalance
<b>INDICATIONS &amp; ALARMS</b>	
a) Mains on	Indication
b) Inverter on	Indication
c) DC Low	Indication & Alarm
d) Fault	Indication & Alarm
e) Output Overload	Indication & Alarm
<b>BYPASS FACILITY</b>	
Static Bypass Switch (Optional)	Bi-directional

\* Specifications are subject to change without prior notice due to constant improvement in design & technology.

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### Our Nationwide Network

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