

Enterprise Series

1-20 KVA

Reliable UPS for Unreliable Power

Intelligent On-Line UPS



- ▶ High Frequency Online UPS
- ▶ Double conversion online
- ▶ Only brand available with LED or LCD option
- ▶ Wide input voltage range: 120-300V AC (depending on the load connected)
- ▶ True sine-wave output
- ▶ THD <3%
- ▶ Efficiency above 90% (reduces electricity bill)

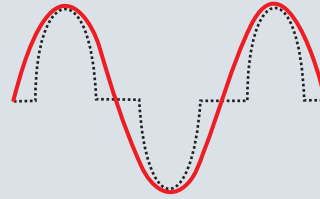
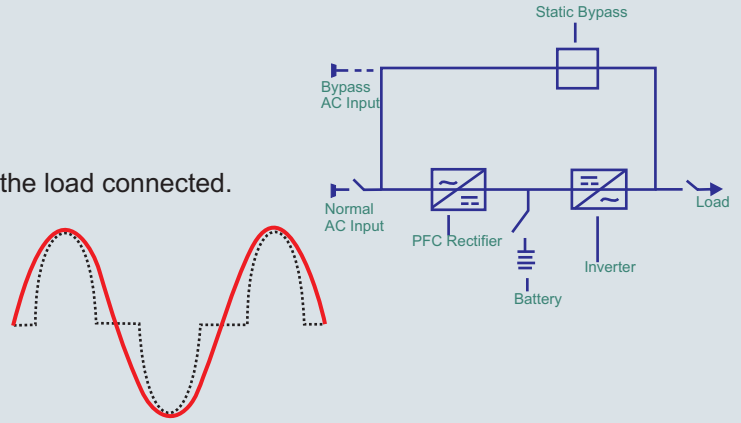
21 years of Trusted Services



COMPACT - UPS
Power to perform. *Anytime.*



True Double Conversion Online Ups
 High input power factor : > .095
 Microprocessor controlled using 32 Bit CPU
 Wide Input Voltage Range (120-300) depending on the load connected.
 High efficiency :> 90% with very low energy losses
 High frequency PWM technology with IGBTs
 Rs232 port / Optional SNMP interface
 Available with LED or LCD display option
 Suitable charger configurations for different backup
 Automatic Self Diagnosis
 Optional Isolation transformer in the input.



	Rating	1000VA	2000/3000VA	6000VA	11/15/20 KVA
Input	Voltage Range	Based on % load (100%-70%/70%-60%/60%-50%/50%-40%/40%-0%)			170-270 V
	Line Low Transfer	160 VAC/140 VAC /140 VAC / 118 VAC /118 VAC			170-270 V(or) 380/400 ± 20%
	Frequency Range	46-54 Hz			
	Phase	Single phase with ground			3 Ph with ground
	Input PF	>0.95, conform to En 605552			
Output	Voltage Range	220 VAC +/- 1%			
	Voltage Regulation	+/- 1%			
	Frequency Range	50 Hz +/- 0.1%			
	Frequency (Synchronised) Range	46 - 54 Hz			
	Linear Load Distortion	< +2% <= 2%			
	Non Linear Load Distortion	< + 3% <= 3%			
	Output Wave Form	Pure Sine Wave			
	Crest Factor	3:1 (max)			
	Efficiency (AC-AC)	> 90%			
	Power Factor	0.7-0.8 optional			
	Battery Type	Sealed Lead Maintenance Free, Lead Acid Tubular			
Battery	Charger	Solid State float-cum boost charger with auto boost/trickle charge with current limited features			
	Transfer Time	0 ms			
	DC Voltage	36 V DC	96 V DC	120/192/240 VDC	192/240 VDC
	Charging Tie	90% capacity after 8 hrs charging			
Panel Display*	LED: load, battery status, alarm / LCD voltage, frequency, load, battery, alarm				
Interface Software	(1) Power Status (2) UPS Shutdown (3) Date Logging (4) Monitor UPS Status (5) UPS Self Test				
Noise Level	< 45 dB @ 1 meter < 50 dB @ 1 meter < 55 dB @ 1 meter				
Operating Environment	Temperature	0 - 45 deg. C			
	Humidity	0% - 95%			
	Operating Altitude	< 1500 m			
	Storage Temperature	-25- 55 deg C			
	Indications	Mains ON, Inverter ON/OFF/Faulty, Battery Level, Static Bypass ON, Load Level			
General	Audible Alarm	Mains, Failure Alarm, Low Batter Alarm and Overload			
	Protection	Advanced Electronic protection for device safety backed with MCBs / MCCBS / Fast acting fuse, High speed pulse blanking, Electronic overvoltage / undervoltage			
	Bypass	Static By Pass			
	Dimensions (HxWxD)mm	220x145x405	330x195x455	550x260x630	630x340x950 can vary on DC bus
	Comm. Interface	Standard/Optional	Rs. 232 port / SNMP Interface and Web enabled RMIC interface		

* LCD panel display is optional for models 1-3 KVA

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