



# JET-Electro

FULLYAUTOMATIC  
On-line UPS SYSTEMS

Since 1999

The name you can trust  
for years.....



Designed for power sensitive equipment and applications

A True On-Line UPS is the only design that can provide the maximum protection against major power problems. This is accomplished through converting the incoming mains (AC) utility voltage to a DC voltage. From this DC voltage, an AC voltage is then completely regenerate by the UPS, providing a clean, well-regulated source to your equipment, thereby eliminating power related problems, If your equipment is operating in a "Mission Critical" application, then you need a True On Line UPS and the JET Electro is the best choice in the True On Line UPS Technology.

The JET-Electro On Line UPS continually supplies the critical load with a true sinewave, this output sinewave is generally cleaner and more stable then the actual local mains supply. This ensures that the connected equipment operates flawlessly.

JET-Electro is using Wireless design which ensure the reliability of the UPS systems. It is also very easy to service the UPS in case of breakdown.

We have designed our latest UPS with you in mind.....you will call it "excellence choice" At JET-Electro we call it "*Excellence Technology*".

SPECIFICATION / KVA	1, 2, 3, 5, 8, 10, 12.5, 15, 20, 25, 30, 35, 40	10, 15, 20, 30, 40, 50, 60, 100
Output WAVE FORM	PURE SINE WAVE	PURE SINE WAVE
Input Voltage Range	230V/415V +/- 15%	415V +/- 15%
Frequency	50Hz +/- 3Hz	50Hz +/- 3Hz
<b>ON BATTERY</b>		
Output Voltage	230V	415V
Output Voltage Regulation	+/- 1%	+/- 1%
Output Frequency	50Hz +/- 0.5Hz	50Hz +/- 0.5Hz
THD	Less than 3%	Less than 3%
<b>Technology</b>	High Frequency IGBT based PWM Technology	
Battery Charger	CC/CV Type solid state Charger	
Charging Modes	With Trickle, float and boost charging facility.	
<b>BATTERY VOLTAGE</b>		
Output Voltage	1,2,3 KVA 144V DC, 3-10 KVA 180V DC & 10-40 KVA 360V DC other battery voltage also available on custom design	360V DC
<b>OVERLOAD</b>	110% for 10 min 130% for 30 sec. 150% for 05 sec	
<b>SHORT CIRCUIT</b>	Protection by electronic sensing no HRC/other Fuse used for this	

VISUAL IDICATORS	AUDIO ALARMS	OPTIONAL
On Mains (1/3)	Battery Low	LCD Display
On Battery	Over Load	Software for Auto Shutdown
Charging On	High voltage O/p Cut off	110 volts output systems
Over Load	Over Temp*	External Battery Bank for Longer Backup
Battery Low	Fault	STATIC SWITCH / HOTSTANDBY
Temp/Overheat *(3p)	<b>OPERATING TEMPERATURE</b>	<b>NOISE LEVEL</b>
Input Phase	0-50 degree C	40db at 1 mtr. From UPS
Output Phase	HUMIDITY 90% Non Condensing	(Totally Sient)

**ABILITY TO WORK WITH ALL LOADS**

With pure sine wave output, JET ELECTRO ON LINE UPS can not only work with Computer application but can also work with other loads like Motor driven loads, 3 Phase machine load, Medical equipments, Communication products, Reacarch works, Server application, Multistation Job, Cyber café, Call centers, Shopping malls etc.



Manufactured By:

**JET Electro Mech Engg. P. Limited, DELHI**

*An ISO 9001:2000 Certified Company*

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