



Online UPS System

We specialize in the design and manufacture of energy saving Solar Products. The Electrical Components and Solar Products provide dependable power supply to match the requirements of air conditioners, computers etc. that protects them from getting further damaged. The range of products is brought to the esteemed clients after meticulous manufacturing, rigorous quality control checks and in-house testing measures. Moreover, the efficient quality control measures have facilitated an extensive network of satisfied clients, spread in every part of India.

ON-LINE UPS

Technology	<ul style="list-style-type: none"> Intelligent UPS, USING IGBT Technology Microcomputer Chip based
Latest Design	High Frequency, (Greater than 17.5KHz) to ensure
Switching Frequency	<ul style="list-style-type: none"> Low Switching Losses Purity of Sine-Wave Ultra-fast Transient Response Very Low Noise
Wide Input Range	350 V-475V AC (Three Phase) or 160 V-270V (Single Phase) 47-53Hz
Accurate Output	<ul style="list-style-type: none"> 415V AC \pm 1.0% (Three Phase) or 230V AC \pm 1.0% (Single Phase) 50Hz + 0.1% (Crystal Controlled)
Ratings	1.0-60.0 KVA
Output Power Factor	<ul style="list-style-type: none"> 0.8 Lagging to unit
Transient Response	For 100% step load change output stays within \pm 5% and recovers within 1/2cycle
Metering	<ul style="list-style-type: none"> On-board Programmable LCD Panel meter to display following parameters Output Voltage Battery Voltage Output Frequency Various conditions/Parameters of UPS Power Battery Current Output Current OR Digital Meter showing Input/Output Volts through selection.
Wave Form	Pure Sine Wave
Distortion	<ul style="list-style-type: none"> Total Harmonic Distortion less than 2% for linear load Total Harmonic Distortion less than 5% for non-linear load
Overload Rating	100% Continuous 150% for 30seconds
Operating Temperature	0 to 50°C, 95% R.H. (Maximum)
Inverter Efficiency	Better than 90%
Transfer Time	Zero
Genset Compatibility	UPS System is fully Compatible to any type of Genset
Protections	<ul style="list-style-type: none"> Output Over-Voltage Output Overload. The same shall be effective only for the
	normal operation. <ul style="list-style-type: none"> Output Short Circuit Battery Under-Voltage Forced Air-cooling to protect electronic other components for overheating.
Indications	<ul style="list-style-type: none"> Mains on, Charging, UPS on Load on UPS, Load on mains Battery low, UPS Trip Battery Low Alarm, Over Load
Alarms	<ul style="list-style-type: none"> Mains Fall (Alarm) Battery Low Warning (Alarm)
Low Noise	Less than or Equal to 45dB (A) Standard) at 1.0mtr
By Pass Arrangement	<ul style="list-style-type: none"> In-Built Solid-State Static-Switch provided (For UPS of 7.5KVA and above ratings) Manual changeover Switch provided (For 1.0 to 10.0KVA UPS Systems)
Useful Options	a) Servo-Voltage Stabilizer Redundant UPS b) Synchronized/Asynchronized Inverter Configuration c) Critical/Non-Critical Redundant UPS d) Dual-Redundant (Hot Standby/Load Sharing) UPS Configuration e) Scott-Connected Transformer for Single phasing of Input Mains and stepping down the mains Voltage from 415V to 270V AC in bypass mode (Recommended for 10.0KV UPS and above with 3phase input) f) Computer Interface (RS-232) for Automatic Unattended Shutdown of file-server & Monitoring of Battery Status. Options available for Novell-LAN/NT-WINDOW/SCO-UNIX/LINUX Remote control indications & Alarms Panel to control the UPS functions from a distance.