



Online UPS with mobile Phone interface

Receive SMS about the status of UPS and pre-trip conditions much before the UPS could trip, enabling the user/maintenance engineers to carry out a damage prevention measures.

5 KVA - 240 KVA for OEM business



INDIGENOUS DESIGN
as per international standards
Ensures value for investment with 15 years of product life.

Energy saving **Green UPS** with

- Active Input Power Factor Correction (0.99 PF and <5% THDi.)
- Temperature compensated float cum boost charger for longer battery life.
- Solar ready models - Solar Power Capacity can be upgraded in phases

Featured Products

- Grid sharing Solar online UPS
- Industrial Sine wave UPS
- Industrial power conditioner/saver

Ideal power conditioner

Reduces the breakdown of connected equipment by providing premium quality power of constant voltage and frequency. Cost of service and breakdown reduces by 40% leading to improved productivity and higher profit margins.

Range of manufactured products

- i-Grid UPS
- Servo controlled voltage stabiliser
- Frequency convertor
- Battery charger
- DC-DC charge controller/convertor

Applications

- PC, Networking & Data centre
- CNC applications • Printing industry
- Multiplex & Cinema hall • Research lab • Lift & Escalator
- Medical equipment & Pharmaceutical labs
- Telecom, Banking & Insurance sector



NSIC, D&B, IEC

Approved vendor for

IAF, GTRE, LRDE, BEL, Indian Railways, Accenture, L&T,

TECHNICAL SPECIFICATIONS

ONLINE UPS With Mobile Interface - 3KVA-240KVA Model EC 303

POWER MANAGEMENT	GSM based software with mobile interface sends an SMS to your mobile phone updating about the power conditions on regular intervals and gives you call on abnormal conditions much before the UPS could trip, enabling the user/maintenance engineers to carry out a damage prevention measures. It continues to call the other two alternate numbers until someone pick up the call and acknowledges it.
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Parameters sent or on command prompt via SMS to the user mobile.

Abnormal condition	Input/Low / Fail, Output Overload, Over temperature, Battery Low, Output under/ Over Voltage
Normal UPS condition	<ul style="list-style-type: none"> • Input ON • Charger ON • Inverter ON • Battery Normal • Load Normal • Temp Normal

CONNECTIVITY	GSM								
Parameters Displayed via RS232/RJ45	<table border="0"> <tr> <td>Input Voltage</td> <td>Output frequency</td> </tr> <tr> <td>Output Voltage</td> <td>Load in VA</td> </tr> <tr> <td>Battery / charging voltage</td> <td>Load level indicator</td> </tr> <tr> <td>Output current</td> <td>Battery level indicator</td> </tr> </table>	Input Voltage	Output frequency	Output Voltage	Load in VA	Battery / charging voltage	Load level indicator	Output current	Battery level indicator
Input Voltage	Output frequency								
Output Voltage	Load in VA								
Battery / charging voltage	Load level indicator								
Output current	Battery level indicator								

Comprehensive power protection to the load is ensured even under extreme input and load conditions.

FAULT IN INPUT / LOAD	LOAD PROTECTION
Abnormal Output Voltage	Output undervoltage / over voltage protection feature protects the load and its components from premature failure

False tripping or complete shutdown due to high surge load or momentary short circuit by the non linear load.	Using advanced pulse by pulse current fold back technique increases the short circuit withstanding capacity upto 200% for 20m Sec. 300% for 15 m sec, 500% for 5m sec, 1000% for 1.5m sec and protects against false tripping or complete shut down.
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Neutral drift / Neutral failure / Lightning EMI & Harmonics in the input raw power High voltage transient	Galvanic isolation provides complete isolation between output neutral and Input & the output is fully protected against neutral drifts, voltage avalanches like lightning & input harmonics commonly found in the input side.
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Configuration for redundancy of load for highly critical applications.

Output - Under Voltage / Over Voltage Battery Low / Over Load / Over temperature	In the eventuality of a UPS shutdown due to the factors mentioned the load can be configured to be transferred to the standby UPS without interruption. This configuration is called as hot-standby configuration.
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* Specifications are indicative to our standard models and are subject to change without notice.