

ARO

AURO 11 & 31 Series

1phase UPS 1 to 30 kva



applications

IT / TELECOM / MEDICAL
MACHINERY / SCIENTIFIC

- * Online UPS
- * range : 1 to 30 kva
- * parallel - from 6 kva onwards
- * 1ph output
- * DSP controlled design
- * PWM IGBT rectifier & inverter
- * inbuilt isolation transformer
- * high input PFC
- * low input THDi
- * high efficiency
- * wide operating temp
- * LED & LCD Display
- * RS 232 C
- * optional SNMP / USB

Auro Power Systems, is one of the leading power electronics company for more than a decade, now having more than 75,000 installations all over India. Supported by sales & service centres at major metro cities spread across India.

AURO 11 & AURO 31 Series are indigenously designed UPS systems for Indian conditions. Using state-of-art technology, highly customisable, works at high temperature, high efficient, do not pollute mains / environment, and comes with spares support for more than 10 years.

AURO brand has products :

- line interactive UPS upto 5 kva
- online UPS upto 200 kva
- servo stabilisers upto 500 kva
- isolation transformers upto 500 kva
- DC power supplies

Auro Power Systems is a Distributor for the entire range of ABB Power Conditioning Products : Modular & Stand-alone UPS, industrial UPS, Auto Voltage Conditioners, Power Factor Conditioners and STATCOM.

Auro have also tied up with SOLARSIS, a one-stop for implementation of On-Grid and Off-Grid Solar Systems, and have already implemented upto 1 mW PV plant

Specifications

range	1 / 2 / 3 / 5 / 6 / 7.5 / 10 / 12 / 15 / 20 / 25 & 30 kva
topology	double conversion online, <u>DSP based</u>
isolation	<u>inbuilt Galvanic Isolation Transformer at output</u>
technology	PWM IGBT rectifier & inverter
input	<u>1 ph : 160 ~ 290 VAC, 45 ~ 55 Hz (1 ~ 10 kva)</u> <u>3 ph : 340 ~ 470 VAC, 45 ~ 55 Hz (3 ~ 30 kva)</u>
input PFC	around 0.96
input THDi	< 5%
output	230 VAC +/- 1 %, 50 Hz +/- 0.01
waveform	pure sinewave
efficiency	> 90 %
distortion	< 3 % linear load, < 5 % for non linear loads
crest factor	3 : 1
overload	120 % - 10 minutes, 150 % - 1 minute
protections	input U/O voltage, battery low, battery overcharge output U/O voltage, short circuit, spikes, surges mains ON, inverter ON, UPS on batt, battery low inverter trip, o/p overload
LED	
LCD display	i/p & o/p volts & freq, DC current, batt. health
battery type	SMF / Tubular
DC Volt	1/36, 2/96, 3/120, 5/120 & 192, 6/192, 7.5/192 & 240 10 & 12/240, 15/240 & 360, 20, 25 & 30/360
bypass	manual and static, standard inbuilt.
comm port	RS232C std. optional : SNMP
oper temp	<u>0 to 50 deg Centigrade</u>
noise level	< 65 dBA
RH	0 to 95 % non-condensing



AURO POWER SYSTEMS

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Chennai, Tanjore, Coimbatore
Delhi, Kolkata, Mumbai
Hyderabad

business partner for

