



## ARP 330

3PH - 3PH ONLINE UPS



### Application areas

- Computer and Data Centers.
- Process Control in industries like CNC, Lazor Printing Application
- Broadcasting / SAT systems
- Safety System in Power Plants
- Medical imaging Equipments, like MRI, CT scan, lazor etc.
- Elevator backup and rescue operations
- Applications requiring Constant frequency and constant voltage.

### Product features:

- Advanced Technology: DSP based control for power and monitoring
- IGBT (insulated gate bipolar transistor) inverter technology
- Pure sine wave output
- True on-line dual conversion design for UPS
- Wide Input Range, Robust Design for Harsh Environment
- With Isolation Transformer at Output
- Engineered Design, Easy for Maintenance and Minimize MTTR
- CNC Fabricated sheet enclosure for better aesthetics and consistency
- Three phase seperate control, realizes the control of instantaneous over-loading balance, so as to reach 100% unbalanced load in three phase UPS.
- Intelligent communication optional SNMP and dry contact.
- Perfect protection, Input/output over/low voltage protection displayed on LCD display with alarm function.
- Excellent load feature, It is completely capable to load from 0-100%
- Specification can be customized to suit specific requirements.



## 3PH – 3PH ONLINE UPS SYSTEMS

Specifications	
<b>Model</b>	<b>ARP 330</b>
Rating	10KVA to 250KVA
AC INPUT	415V + 15% -15%, Three Phase Input
Frequency	50Hz $\pm$ 6%
DC VOLTAGE:	360/384VDC
Charging Time	12 Hours for 90% of full Capacity
Charger Type	CVCC (Constant Current Constant Voltage type)
<b>INVERTER:</b>	
Technology	DSP based, IGBT Switching
Output Voltage	380 / 400 / 415V AC Three Phase
Voltage Regulation	$\pm$ 1%
Frequency	50Hz $\pm$ 0.1Hz
Waveform	PWM Sine wave
Harmonic Distortion	Less than 3% on Linear Load
Inverter Efficiency	Upto 90% till 30KVA and upto 93% above 30KVA
Power Factor	0.8
Overload	110 % for 1 min, 150% for 30 sec
Crest Factor	3:1
Phase Displacement	$120^0 \pm 1^0$
Audible Noise	Less than 65 dB at 1 Meter
<b>DISPLAY :</b>	
Digital LCD Display for	R,Y,B Output Voltage, Output current & Frequency, DC Voltage, Battery and Load Percentage and All Faults
<b>INDICATIONS &amp; ALARMS:</b>	
a) Mains on	LED Indication
b) Inverter	LED Indication
c) Batt Low	LED Indication & Alarm
d) Fault	LED Indication & Alarm
e) Overload	LED Indication & Alarm
<b>GENERAL:</b>	
Operating temperature	0°C to 40°C
Humidity	Max 95%, Non-condensing
<b>PROTECTIONS :</b>	Output Overload & Short circuit, Output UV & OV, DC Under & Overvoltage, Mains Under & Overvoltage, Mains Single Phasing
<b>OPTIONAL :</b>	
Communication	SNMP
Bypass	Static Switch

\*Specifications are subject to change without prior notice due to constant improvement in design & technology

\*Specification can be customized to suit specific requirement



Manufactured by

**A. R. Power Equipments Pvt. Ltd.**

Lane No. 10, Vidyanagar, Near Vishwa Gym,  
Katraj - Kondwa Road, Katraj, Pune - 411 046.

**Maharashtra, INDIA**

[sales@arpower.in](mailto:sales@arpower.in), [salesups@arpower.in](mailto:salesups@arpower.in)

[www.arpower.in](http://www.arpower.in)



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