

# ARP 310

3PH-1PH ONLINE UPS



## Application areas

- Computer and Data Centers.
- Process Control in industries
- Broadcasting / SAT systems
- Safety System in Power Plants
- Healthcare & Lab equipments
- Applications requiring constant frequency and constant voltage
- Filter Centers

## Product features:

- Advanced Technology: DSP based control
- IGBT inverter technology
- Pure sine wave output
- True on-line dual conversion design for UPS
- Wide Input Range, Robust Design for Harsh Environment
- With built in Isolation Transformer at Output



### 3PH – 1PH ONLINE UPS

Specifications	
<b>Model</b>	<b>ARP 310</b>
Rating	10KVA to 80KVA
AC INPUT	415V + 15% -15%, Three Phase Input
Frequency	50Hz ± 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	230V AC Three Phase
Voltage Regulation	± 1%
Frequency	50Hz ± 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 5 min, 150% for 30 sec
Crest Factor	3:1
Audible Noise	Less than 65 dB at 1 Meter
<b>DISPLAY :</b>	
Digital LCD Display for	Output Voltages, 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