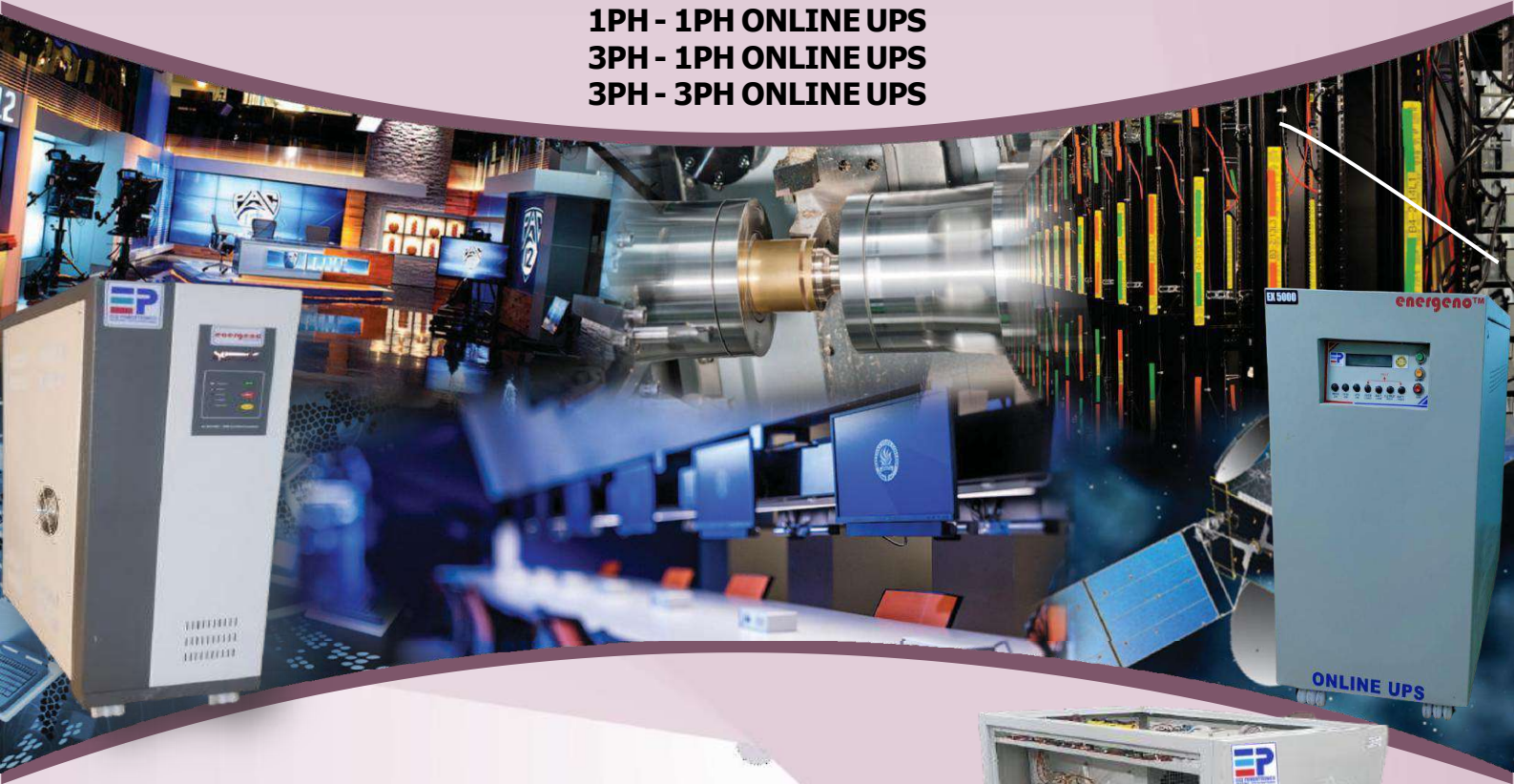


energenoTM

power of future

1PH - 1PH ONLINE UPS
3PH - 1PH ONLINE UPS
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 PowerPlant
- 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
- Puresinewave 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 separate 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.



1PH – 1PH ONLINE UPS SYSTEMS

Specifications	
Model	ARP 110
Rating	6KVA to 15KVA
AC INPUT	160-280V AC Single Phase Input
Frequency	50Hz \pm 10%
DC VOLTAGE:	144/180/192/240VDC
Charging Time	12 Hours for 90% of full Capacity
Charger Type	CVCC (Constant Current Constant Voltage type)
INVERTER:	
Technology	DSP based, IGBT-PWM Switching with Inbuilt Isolation Transformer
Output Voltage	230VA AC Single 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 95%
Power Factor	0.8
Overload	110 % for 10 min, 200% for 5 cycles
Crest Factor	3:1
Phase Displacement	$120^{\circ} \pm 1^{\circ}$
Audible Noise	Less than 60 dB at 1 Meter
DISPLAY :	
Digital LCD Display for	Input and Output Output Voltage, Output current & Frequency, DC Voltage, Battery and Load Percentage and All Faults
INDICATIONS & ALARMS:	
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
GENERAL:	
Operating temperature	0°C to 50°C
Storage temperature	0°C to 60°C
Humidity	Max 95%, Non-condensing
PROTECTIONS:	Output Overload & Short circuit, Output UV & OV, DC Under & Overvoltage, Mains Under & Overvoltage, Mains Single Phasing
OPTIONAL :	
Communication	SNMP
Bypass	Manualbypass provided, Static bypass option



ECO POWERTRONICS
AN ISO 9001: 2015 Certified Company

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