

# Leaders in Power Management Solutions

Uninterruptible Power Supply Systems  
For Industrial and IT Solutions



# ABP



**ABP** Power Solutions Pvt. Ltd.

An ISO 9001 - 2008 Company



Power is your Business Life Line .The more you have the better for your business growth and productivity and losing it may prove disastrous for your business.

So, for uninterrupted power security and performance preserve it with ABP online ups systems. Our goal of zero defects and total customer satisfaction makes us the preferred supplier for many major companies in the electronics and information industries. At, our quality is measured by our products.

Our sophisticated technology has enabled us to cater to varied needs of power distribution and backups, we provides a complete line of Power electronics products. These include **Online UPS up to 4000KVA, battery charger, Solar UPS System, Servo Stabilizer, Solar Inverters, and AC/DC Converter.**

Moreover our vast industry experience and our presence have enabled us to offer our technologically advanced power solutions as per the requirements of our customers. As we lay considerable efforts to study the requirements and provide solution through continuously upgraded product by our continual research and development so as to offer our client.



## MAJOR APPLICATIONS

- Information Technology - Data Centres, Servers Networking
- Telecommunication - Mobile, Wireless & others
- Industrial Automation, Process Control
- Digital Mini Labs, Image Processing & Pre-Press
- Medical Equipment - MRI, CT Scan, CathLab, Doppler & others
- Embroidery Machines, Laser Cutting Machines/Non-Vovan Fabric Bag Making Machines
- Banking, Insurance & Financial Services
- Satellite Uplinking and Earth Stations.



## IGBT BASED INVERTOR & RECTIFIER

High Switching Frequency for maximum system efficiency, Minimum Harmonics, Fast Transient Response and increased battery life.

## DIGITAL SIGNAL PROCESSING

ABP UPS is fully Digital adopting a Single Processing Unit that integrated all power stages as well as control functions. The system uses only 2 cards as compared to a large number of Control Cards used in conventional UPS Systems. Single Processing Unit increases system through increases reliability.

## ISOLATION TRANSFORMER FOR GROUNDING PROBLEMS

All ABP UPS models incorporate Isolation Transformer at the output of the UPS to attenuate problems arising out of poor input grounding and leakage voltage in neutral.

**Optional Add ons** include SNMP Network Protocol, RS-232 Communication Port, Wall-mounted Remote Monitoring Panel (RMP) Matching Battery Cabinets.

# Technical Specifications



AHF SERIES : 1KVA To 10 KVA



AHX SERIES : 5KVA To 30 KVA



AEH3X SERIES : 10KVA To 160 KVA



APT SERIES : 1KVA To 80KVA

## TECHNICAL SPECIFICATIONS

MODEL	AHF	AHX	AEH3X	APT
<b>RATING</b>	1KVA-10KVA	5KVA-30KVA	10KVA-160KVA	1KVA-80KVA
<b>TECHNOLOGY</b>	True Online Double Conversion PWM IGBT Based			
<b>INPUT</b>				
Input Phase	1 ph	1ph/3ph	3ph	1ph/3ph
<b>Input Voltage Range</b>				
Single Phase	160V-280VAC			
Three Phase	400 VAC 3 Phase $\pm 20\%$			
Frequency	50 HZ +/- 10%			
Power Factor	> 0.97	>0.9	>0.9	> 0.9(Optional)
<b>OUTPUT</b>				
Output Phase	1 ph	1ph	3ph	1ph/3ph
<b>Output Voltage Range</b>				
Single Phase	220/230 VAC $\pm 1\%$			
Three Phase	400/415 VAC $\pm 1\%$ - 3 phase & Neutral			
Power Factor	> 0.7	> 0.8	> 0.8	> 0.8(Optional)
Efficiency	>90%	>90%	92-94%	>90%
Crest Factor	3:1			
Wave Form	Sinewave			
OverLoad	100% Countinuous, 125-150%-30 Sec, >150%-10 Sec			
Static / Manual Bypass	Static Bypass Available/Manual Bypass Optional			
<b>BATTERIES</b>				
D C Voltage	36V-192V	192-384V	348-528V	48 - 384V
Charger Capacity	4 Amp	10 Amp	upto 40 Amp	upto 40 Amp
Extended Charger	Available			
<b>INTERFACE COMMUNICATION</b>				
Standard	Rs232			
Optional	SNMP			
<b>ISOLATION TRANSFORMER</b>	N/A	Yes Available		
<b>REDUNDANCY</b>	Above 3 KVA	-	Available	Hot standby
<b>OTHERS</b>				
Display(Imp. Parameters)	LED/DIGITAL	LCD	LCD	LCD
Operation with DG	Compatible with DG Power Source			
Operating Temp/Humidity	0 - 40 °C - 95% (Non condensing)			
Remote Operation	Remote on/off control panel (optional)			
<b>OPTIONAL</b>				
<b>IGBT Rectifier</b>	Available			
<b>High Input Power factor</b>	Upto 0.99 Available			
<b>High Output Power factor</b>	Unity			
<b>Wide Input Range</b>	Upto $\pm 30\%$			
<b>3 Phase Output</b>	200/220 VAC Phase to phase			
<i>All specifications are subject to change without prior notice</i>				



# Care

*Uninterrupted Power  
for better quality of life*



Offers the best customer support services to ensure highest Equipment Uptime for the UPS system across India for major Telecom/Defence/Banking & IT customers through its top of the line technical expertise and strong infrastructure offers a range of services ensuring highest product uptime for the mission critical applications.

- ❖ 24x7 Helpline
- ❖ Technical support center in India : Delhi, Mumbai, Bangalore & Kolkata covers all India locations.
- ❖ Repair Centre and SWAP support
- ❖ Service support help line : On site & Online
- ❖ Technical support online, or personal testing technical resource center
- ❖ Training center with experienced trainers.

**Branches :** Mumbai, Pune, Hyderabad, Bangalore, Nagpur, Ahemdabad, Kanpur, Chandigarh, Kolkata, Chennai, Jaipur, Udaipur, Jammu, Lucknow



**24x7 SERVICE SUPPORT 9811143019**

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