

UPS-POWER SOLUTIONS

600VA & 1000VA

artis



Features

- Line interactive Design: Compact Size & Light weight
- Superior microprocessor control: Guarantees high reliability
- Microload Detection: Ideal for Routers, Network Switches & Low Powered Devices
- Automatic Voltage Regulator (AVR) for Boost and Buck: Guarantees Voltage stabilization
- Cold Start Function
- Auto Restart while AC Recovery
- Ac overload Protection
- Discharge, Overcharge and Overload Protection
- Generator compatible



Inbuilt
AVR



Micro Load
Detection



Light
Weight

Power Backup UPS has following few application areas



Printer



Monitor



PC



(First year parts and labour,
2nd year parts only)

Items in the box :
1 x UPS | 1 x User manual

www.artis.in

Technical Specifications
600VA & 1000VA



Model		PS 600	PS 1000 Eco
CAPACITY	VA/W	600VA/360W	1000VA/600W
	Power Factor	0.6	
INPUT	Voltage	230VAC	
	Voltage Range	140 - 300 VAC	
	Frequency Range	50 Hz (Auto sensing)	
OUTPUT	Output Voltage (Bat. Mode)	230 VAC $\pm$ 10% TRMS	
	Frequency Range (Bat. Mode)	50 Hz $\pm$ 1 Hz	
	Transfer Time	Typical 2-6 ms	
	Waveform (Bat. Mode)	Simulated Sinewave	
BATTERY	Battery Type & Number	12 V/7 Ah x 1	12 V/7 Ah x 2
	Backup Time	30 Mins*	60 Mins*
	Typical Recharge Time	4-6 hours recover to 90% capacity	
PROTECTION	Full Protection	Overload, discharge, and overcharge protection	
INDICATORS	AC Mode	Green lighting	
	Battery Mode	Green flashing	Yellow flashing
	Fault	Red Lighting	
ALARM	Battery Mode	Sounding every 10 seconds	
	Low Battery	Sounding every second	
	Over Load	Sounding every 0.5 second	
	Fault	Continuously sounding	
PHYSICAL	Dimensions DxWxH (mm)	279 x 101 x 142	320 x 130 x 182
	Net Weight (Kgs)	4.2	8.2
ENVIRONMENT	Humidity	0-90 % RH @ 0- 40°C (Non-condensing)	
	Noise Level	Less than 40dB	

* Battery backup may vary depending on the configuration of computer system & other devices used.

General Inquiries: 1800 120 8195
Service / Support: 1800 123 8195
Email : inquiry@artis
Website : www.artis.in

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UPS-POWER SOLUTIONS

600VA LCD & 1500VA

artis



Features

- Line interactive Design: Compact Size & Light weight
- Superior microprocessor control: Guarantees high reliability
- Microload Detection: Ideal for Routers, Network Switches & Low Powered Devices
- Automatic Voltage Regulator (AVR) for Boost and Buck: Guarantees Voltage stabilization
- Cold Start Function
- Auto Restart while AC Recovery
- AC overload Protection
- Discharge, Overcharge and Overload Protection
- Generator compatible
- 4 Sockets for Multi-device Support



Inbuilt
AVR



Micro Load
Detection



Light
Weight

Power Backup UPS has following few application areas



Printer



Monitor



PC



(First year parts and labour,
2nd year parts only)

Items in the box :
1 x UPS | 1 x User manual

www.artis.in

Technical Specifications
600VA LCD & 1500VA



Model		PS 600VA LCD	PS 1500 VA
CAPACITY	VA/W	600VA/360W	1500VA/900W
	Power Factor	0.6	
INPUT	Voltage	230VAC	
	Voltage Range	140 to 300 V AC	
	Frequency Range	50 Hz (Auto sensing)	50 Hz
OUTPUT	Output Voltage (Bat. Mode)	230 V AC	
	Voltage Regulation	184 to 253V	
	Frequency Range (Bat. Mode)	50 Hz	
	Waveform (Bat. Mode)	Simulated Sine Wave	
BATTERY	Battery Type & Number	12 V/7 Ah x 1	12 V/9 Ah x 2
	Backup Time	30 mins*	Upto 90 Mins*
		(Standard PC Load + 18.5" LED monitor)	(Standard PC Load + 18.5" LED monitor)
	Typical Recharge Time	4-6 hours recover to 90% capacity	
PROTECTION	Full Protection	Overload, discharge, and overcharge protection	
INDICATORS	LCD Screen	Indicates Input voltage, Output voltage,	AC Mode - Green LED light; Backup Mode:
		Battery Load level and UPS status	Yellow LED Light; Fault: Red LED Light
ALARM	Alarm Backup Mode	LCD Display	Yellow LED Light
	Low Battery	Beeping Every Second	
	Overload	Beeping every 0.5 seconds	
	Fault	Continuously sounding	
PHYSICAL	Dimensions DxWxH (mm)	279 x 101 x 142	350 x 146 x 160
	Net Weight (Kgs)	4.25	10.4
ENVIRONMENT	Transfer	Typical – 2 to 4 ms ; Maximum – 10ms	

* Battery backup may vary depending on the configuration of computer system & other devices used.

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PORTABLE ROUTER UPS!

artis

AR-MINIDC-3 Mini DC Router UPS



Features



High Capacity 8800mah battery provides up to 8 hours of Backup



Multiple output modes from a single device, 9V & 12V



Connect 2 devices (2 routers or 1 Modem & 1 Router) at the same time (Y Cable Provided)



POE functionality (Power over ethernet) to transfer power and data simultaneously



Battery Level Indicator



USB Output for Smartphone Charging (1.8A Max)



BIS Certification for Peace of Mind

Mini DC UPS has following application areas



Wifi Router/
Modem



CCTV
Cameras



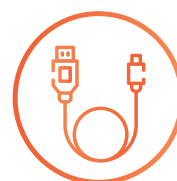
Smart
Phones



DTH
Set Top Box



POE Compatible
Devices



USB Powered
Devices

Technical Specifications

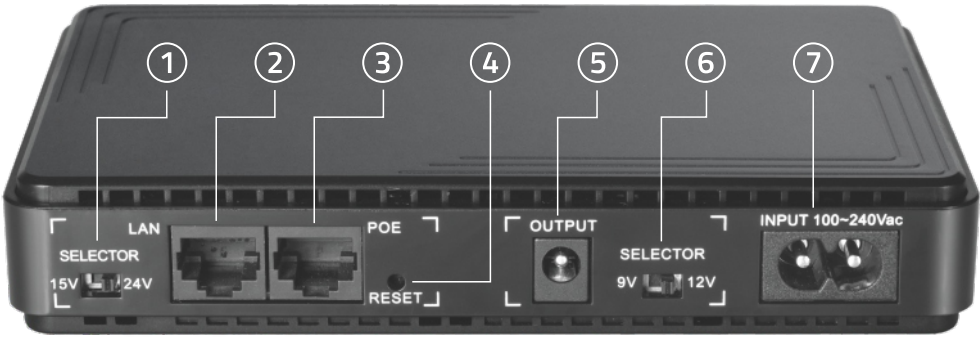


AR-MINIDC-3

Mini DC Router UPS

Model	AR-MINIDC-3		
Input	AC 100-240V		
Frequency	50-60Hz		
Output Power (Max.)	21W		
Output	USB	DC	POE
Output Voltage	5VDC	9V/12V	15VDC/24V DC
Output power & current	1.8A/9W	9V/1.9A/17W, 12V/1.4A/17W	15V/1.3A/19W, 24V/0.8A/19W
Battery Capacity	8800 mAh		
Dimensions	160mm x 105mm x 28mm		
Net weight	0.4kg		

- ① POE Output Selector
- ② Lan / Ethernet Interface
- ③ POE/Ethernet Output
- ④ Reset
- ⑤ Router / Modem Output
- ⑥ Router Output Selector
- ⑦ 100-240V Input



Box contents :



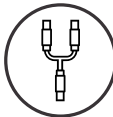
1 x
UPS



1 x User
Manual



1 x Power
Cord



1 x Output
Y Cable



2 x Bridge
Connectors

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ONLINE UPS HIGH FREQUENCY VARIANTS

1KVA TO 6KVA

artis



Features

- Microprocessor controlled for optimal reliability
- Wide Input Voltage Range (110V to 300V)
- Built-in OVPD (Over Voltage Protection Device)
- Cold start feature (DC power on)
- RS232/USB for UPS parameters monitoring
- Emergency power off (EPO) (6kVA)

Variants

- 1 KVA Online UPS with Built-in Batteries (2 x 9Ah)
- 1 KVA Online UPS – External Batteries (36V system, 3 x 12V batteries needed, Max. 120Ah x 3)
- 3 KVA Online UPS with Built-in Batteries (6 x 7Ah)
- 3 KVA Online UPS – External Batteries (72V system, 6 x 12V batteries needed, Max. 120Ah x 6)
- 6 KVA Online UPS – External Batteries (192V system, 16 x 12V batteries needed, Max. 100Ah x 16)

Online (HF) UPS has following few application areas



Graphic Workstations



Network Servers



Data Processing Centers



Data Warehouses



BPOs



Tele Communication



Networking Equipments



Mini and Micro Computers



Medical Equipments



(First year parts and labour,
2nd year parts only)

Items in the box :

1 UPS, AC Power cord, 1 pair DC cable,
1 Management software with cable, User manual.

www.artis.in

Technical Specifications



		Powersafe 1kVA Pro		Powersafe 3kVA Pro		Powersafe 6KVA
Model		BB	EB	BB	EB	
Capacity	VA/Watts	1000/800		3000/2400		6000/4800
Input						
Voltage Range (AC)		110 to 300VAC at 50% Load, 160 to 280V at 100% Load				
Built-in OVPD#		Yes				
Frequency Range		40 to 70Hz				
Phase		Single Phase with Neutral and Ground				
Power Factor		≥0.99 @ Nominal Input Voltage at Full Load				
Output						
Voltage		208/220/230/240VAC User Selectable				
Power Factor		0.8				
Regulation		± 1%				
Frequency	Mains	47 to 53 Hz			46~54 Hz	
	Battery	50Hz ± 0.25Hz			50Hz ± 0.1Hz	
Over Load (Bat Mode)	100-110%	Audible Warning				
	110-130%	Shutdown after 30 sec				
	>130%	Shutdown immediate				
Current Crest Ratio		3:1				
Harmonic	Linear Load	≤3%				
Distortion	Non Linear	≤ 6%			≤ 5%	
Transfer	Changeover	Zero				
Time	To Bypass	4ms (Typical)			Zero	
Waveform		Pure Sine wave				
Efficiency %	Mains	88		90		92
	Battery	83		88		90
Neutral Common		Yes				
Battery						
DC Bus Voltage		24	36	72	72	192
Number of Batteries		2	3	6	6	16
Built -in Battery		Yes	No	Yes	No	No
External Battery (AH)		NIL	18~120	NIL	18~120	18~120
Charging Current		1A	1/2/4/6A	1A	1/2/4/6A	1/2/4/6A
Charger Current Setting		Fixed	Adjustable	Fixed	Adjustable	Adjustable
Charging Voltage (±1%)		27.4	41.0	82.1	82.1	218.4
Indications						
LCD Panel		Load Level, Battery Level, AC Mode, Battery Mode, Bypass Mode and Fault				
Physical						
Dimensions mm	Built-in	282x145x220		421x190x318		369x190x318
(D x W x H)	External			397x145x220		
Net Weight		9.8Kg	4.1Kg	27.6Kg	7.4Kg	12 Kg
Environment						
Operating Humidity		20-90% RH @ 0-40C (Non Condensing)				
Noise Level @ 1 meter		< 55dBA			< 55dBA	
Management						
Communication Port		Serial/USB				
		Supports Windows 2000/2003/XP/Vista/2008/7/8, Linux, Unix and Mac				
Optional Intelligent Slot		Power Management from SNMP manager and web browser				

#OVPD : Over Voltage Protection Device *Specifications subject to change without prior notice

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ONLINE UPS WITH GALVANIC ISOLATION

(TRANSFORMER BASED) 6 KVA TO 300 KVA

Features

True Online Dual Conversion UPS

- Built-in Galvanic Isolation Transformer
- Rugged design for tough power conditions
- IGBT based SPWM technology
- Wide input range
- Near unity input power factor
- Excellent Voltage Regulation and Transient response
- Comprehensive LCD display and mimic diagram
- Supports all types of batteries
- Extended Run Time
- Genset Compatible
- Optional Intelligent Computer Interface and SNMP
- Optional Auto Bypass (Static bypass)
- Optional Parallel redundancy / Static redundancy

Variants

Available from 1 KVA to 350 KVA

1:1, 3:1, 3:3 phase variants



Online (LF) UPS has following few application areas



Office
Automation



Data
Centres



Green
Building
Management



Educational
Institutes



Banks



Telcom
Centres



Satellite
Earth
Stations

▪ CNC Machines ▪ Defence ▪ R and D Centres ▪ Lift and Elevators ▪ Industrial Instrumentation ▪ Machine Tools ▪ Security and surveillance equipment ▪ Colour Lab equipment ▪ Photo Copying Machines ▪ Printers and Plotters ▪ Embroidery Machines ▪ Medical equipment Diagnostic/Lab equipment ▪ Ultra Sonic Sonography Machines ▪ ATM Centres



(First year parts and labour,
2nd year parts only)

Items in the box :
1 UPS, AC Power cord,
1 pair DC cable, User manual.

www.artis.in

Technical Specifications



Model		1:1	3:1	3:3
		5KVA to 10KVA	10KVA to 30KVA	3KVA to 300KVA
Input	Range	170 to 265VAC	345 to 475VAC	
	Phase	Single Phase	Three Phase with Neutral	
	Frequency	47 to 53Hz		
	Power Factor	>0.8	>0.92	
Output	Capacity KVA	5/7.5/10	10/15/20/25/30	3/5/10/15/20/ 25/30/40/45/50/60/ 75/80/100
	Voltage	220/230/240VAC		400/415VAC
	Regulation	+/- 1%		
	Power Factor	0.8 lagging		
	Crest Factor	3:1		
	Frequency	z50 OR 60Hz, +/-0.1%		
	Waveform	True Sine Wave		
	Harmonic Distortion	THD <3%		
	Over Load	150% for 30 seconds		
	Transient Response	+/-5% from no load to full load		
	Response Time	Recovery to +/-2% within 5 msec		
Battery	Voltage	5/6/7.5/10KVA: 180V	180V10KVA: 240V 15/20/25/30KVA: 360V	3/5KVA: 180V 10KVA > 360V
	Ripple	<2%		
	Type	VRLA Sealed Maintenance Free (SMF)/Lead Acid Tubular (Flooded Type)		
	Isolation	DC Circuit Breaker		
Efficiency	Inverter	>92%		
	Overall	>85%		
Protection	Input	Over Voltage and Under Voltage		
	Input	Single Phase and phase reverse		
	DC	Over Voltage and Under Voltage		
	Charger	Over Current		
	Output	Over Voltage, Under Voltage, Over Load, Short Circuit, Over Temp.		
Audible Alarm		Rectifier Trip, Over Load, Mains Fail, Battery Low and System Trip		
Metering		Multifunction LCD displaying following parameters with mimic diagram Input Voltage and Current, Input Frequency, Battery Voltage, Battery Charging/discharging Current, Output Voltage, Current, Frequency		
Physical	Dimensions (WxDxH) mm	5/6/7.5/10KVA: 325 x 675 x 675	10KVA: 325 x 675 x 675 15/20/25/30KVA: 400 x 800 x 8503K	3KVA/5KVA: 300 x 700 x 750 10/15KVA: 400 x 800 x 850 20/25/30/35KVA: 400x900x950 40KVA: 550 x 900 x 1200
	Enclosure	MS Powder Coated confirming Ip21		
Environment	Operating Temperature	0 to 45 Deg C		
	Storage	- 10 to 70 Deg C		
	Humidity	Up to 95% RH (Non Condensing)		
	Cooling	Forced Air Cooling		
	Noise	<55dB	<60dB	<65dB
	Altitude	<3000mtr above sea level		

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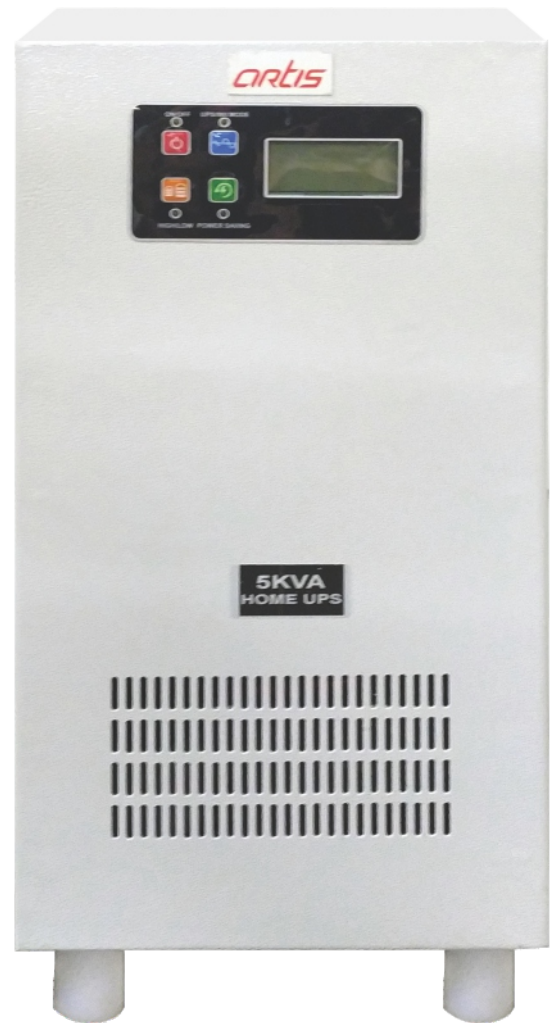
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PURE SINE WAVE STATIC UPS

2.5 KVA to 12 KVA (Single Phase)

Features

- Advanced DSP Technology (Digital Sinewave Processing)
- Rugged UPS with high MTBF
- High Degree Protection against failure
- Highly Efficient
- Fast Change Over, suitable for computers
- Smart LCD Display
- Pure Sine wave Output
- Changeover through a Solid-State Switch
- Heavy duty Power Transformer
- Built-in OVCD (Over Voltage Protection)
- No Load Battery Current very low.
- PID Control
- High Temperature Resistance



Static UPS has following few application areas



**Educational
Institutions**



**Construction
Companies**



Industries



**Housing
Societies**



**Hotels and
Lodges**

Banks and ATMs | Air-conditioners | Small and Medium Offices | Large Homes and Residential Societies | Medical Diagnostic equipment
Process and Automation Industries | Pharmaceutical Industries | Telecommunication | Petrol Pumps | Showrooms | Educational Institutes
Information Technology Offices | Domestic Electronics Appliances



One year Including
parts and labour,

Items in the box : 1 UPS, Attached Power cable,
1 pair DC cable, User manual.

Technical Specifications



Model/Capacity	2.5KVA		3.5KVA		5KVA		7.5KVA		10KVA	
Capacity W	2000W		2800W		4000W		6000W		8000W	
Input Range	120 V to 280 V (Normal Mode), 180 V to 265 V (UPS Mode)									
Mains Low Cut	100 VAC± 5 V (Normal Mode), 180 VAC± 5 V (UPS Mode)									
Mains Low Restore	112 VAC± 5 V (Normal Mode), 190 VAC± 5 V (UPS Mode)									
Mains High Cut	285 VAC± 5 V (Normal Mode), 265 VAC± 5 V (UPS Mode)									
Mains High Restore	275 VAC± 5 V (Normal Mode), 255 VAC± 5 V (UPS Mode)									
Output Voltage	220 VAC± 10%									
Output Frequency	Same as Input (Mains Mode), 50.0Hz ±1Hz (Battery Mode)									
Output Waveform	Pure Sinewave									
Overload Limit	105 ± 3% (With Auto Reset Function)									
Short Circuit Limit	> 300% Load (With Auto Reset Function)									
Change over time	< 30 mSec (Normal Mode), < 5 mSec (UPS Mode)									
Crest Factor	3:1									
Distortion	<2% THD (Total Harmonic Distortion)									
Inverter Efficiency	>90% @ Full Load									
Battery Voltage	36/48	48	48/7	48/96/120			120/180	180	192	
Battery Low Protection	Alarm 10.5V/Bat, Cut off 10.3V/Bat									
Charging Cutoff	14.3V/Battery (SB = Tubular Battery), 13.9V/Bat (LB Thick Palte Battery)									
Charging current	8A (Low Change), 10A (High Charge)									
Trickle charging A	0.5 A + 0.3 A									
Switching Device	Discrete MOSFET						IGBT Modules			
Display	Welcome Message, Capacity, Output Voltage & Frequency, Input Voltage & Frequency Battery Voltage, Load Percentage, Battery Charging Status and all protections									
Protections	Mains MCB Tripped, Battery Low, Over Load, Over Temperature, Short Circuit									
Net Weight (Kg)	31	34	49	49	51	70	77	82		
Dimensions (DWH, mm)	315 x 315 x 520		365 x 365 x 570				435 x 357 x 713			
Operating Temp.	0 to 45 Dec Cent									
Humidity	0 to 90% non condensing									
Acoustic Noise	<45dB @ 1 Meter									

*Specifications subject to change without prior notice

TRUSTED POWER SOLUTIONS

Servo Controlled Industrial Stabilizer



Features

True Online Dual Conversion UPS

- Built-in Galvanic Isolation Transformer
- Rugged design for tough power conditions
- IGBT based SPWM technology
- Wide input range
- Near unity input power factor
- Excellent Voltage Regulation and Transient response
- Comprehensive LCD display and mimic diagram
- Supports all types of batteries
- Extended Run Time
- Genset Compatible
- Optional Intelligent Computer Interface and SNMP
- Optional Auto Bypass (Static bypass)
- Optional Parallel redundancy / Static redundancy

Servo Controlled Industrial Stabilizer has following few application areas



Office
Automation



Data
Centres



Green
Building
Management



Educational
Institutes



Banks



Telcom
Centres



Satellite
Earth
Stations

▪ CNC Machines ▪ Defence ▪ R and D Centres ▪ Lift and Elevators ▪ Industrial Instrumentation ▪ Machine Tools ▪ Security and surveillance equipment ▪ Colour Lab equipment ▪ Photo Copying Machines ▪ Printers and Plotters ▪ Embroidery Machines ▪ Medical equipment Diagnostic/Lab equipment ▪ Ultra Sonic Sonography Machines ▪ ATM Centres



One year Including
parts and labour,

Technical Specifications



	Single Phase	Three Phase
Input	170VAC – 270VAC	360 V Ac-480 V Ac (Other Range on Request)
Output	220VAC +/- 1%	415 V Ac. +/- 1% Ph-Ph 240 V Ac. +/- 1% Ph-N
Frequency	50 Hz +/- 1%	47 Hz - 53 Hz
Rate of Correction	35v/sec	upto 105 V / Sec.
Efficiency	>98%	>98%
Power Factor	0.8 – unity	0.8
Distortion	Nil	Nil
Cooling	Natural	Air Cooled / Oil Cooled
Temperature	-5 to 45 degree Centigrade	-
Humidity	95%	-
KVA rating	0.5 to 10	3.0 - 300.0 K Va.
Wave Form	Sinusoidal	Sinusoidal
Protections	Short Circuit & Over Load through Fuse/MCB Surge/Spike/Delay/ Hi/Lo Cut = Optional	Short Circuit, Over Load, Time Delay, High Cut Off, Single Phasing
Indications	Power ON, Input High, Input Low, Fuse Blown/MCB Trip	Power On-RYB LCD Screen - Input/Output/Amp Cut off LED
Features	Auto/Manual Facility of Operation Built in Over load/short Ckt. Protection Digital Controlled Circuit Improves Power Factor Ergonomically Rugged Construction Powder Coated Cabinet	Auto/Manual Facility of Operation User Settable Key Pad Ergonomically Rugged Construction Powder Coated Cabinet Mounted on wheels
Applications	Computers, Xerox Machines, CNC Machines, Photo Labs, PLCs, Water, Purifying Plants, Glass Cutting Machines, Medical Instruments, Die Making Machines etc.	

Note: Specifications are subject to change without prior notice.