

# CHLORIDE POWER PROTECTION



## Active from 700 to 3000 VA



### Uninterruptible Power Supply

#### The Range

Designed to increase the reliability and availability of workstations, point-of-sale systems and network equipment, Active, available from 700 to 3000 VA features double conversion technology with automatic voltage regulation to protect against the outages, disturbances and spikes that can damage equipment, paralyse business and destroy critical data.

#### Flexibility for Customized Solutions

Active is also available in a rack version for environments where space is limited. Units can be fully integrated within any standard 19 inch cabinet. Such a solution facilitates a modular approach to power management, allowing us to tailor your solution as your load requirements change.

#### Leading Technology

Active uses double conversion on-line technology to provide secure power architecture for your mission critical applications. This option ensures the highest level of voltage and frequency regulation and may be the only practical alternative for environments where the quality of the mains electricity is low.

#### Communication

Active comes with a USB and RS232 communication port providing you with complete and easy interaction with your UPS. Active is fully compatible with Chloride's software suite of connectivity solutions.

Chloride's suite of software solutions has everything you need to preserve data and maximise system uptime. Key features include:

- **Safe System Shutdown** - Preserve data integrity and minimize recovery delays with automated system shutdown. Chloride's software monitors the UPS for power failure, low battery or other events that jeopardize computer power and initiates controlled systems shutdown.

- **Safe Network Shutdown** - Multiple computers on a shared power source also need to share power status information to enable safe shutdown of all systems. Several architectures are available that deliver flexibility, simplicity and reliability in network-based shutdown.

- **Remote Messaging** - Chloride's software keeps you informed anywhere. Fault and recovery messages are sent via network, email, pager or SNMP trap.

- **Remote Management** - Site power and UPS status information can be accessed securely from any computer on your IP-based network. View event history and voltage logs for trend analysis. Consult your UPS system status in real time for situational decision support. Access is based on User Authentication with 128bit, MD5 encryption.

#### Applications

Active provides secure power for a wide range of applications including:

- Office equipment and peripherals
- Individual PCs and workstations
- Network storage systems
- Small servers

#### Secure Power Always

Supplying you with a UPS alone will never deliver the level of business continuity you require. Chloride offers a range of maintenance plans which will:

- Help deliver reliability to your load
- Extend the life of your power protection equipment
- Optimize your capital expenditure
- Provide risk management at a fixed cost
- Help to control your business environment
- Provide a pro-active approach to disaster recovery

Contact your local Chloride sales office for more information.

**Delegate your power management to the experts.**

Models		700	1000	2000	3000	
<b>ELECTRICAL DATA</b>						
Power	(VA)	700	1000	2000	3000	
Input	Nominal voltage	220/230/240V 1 ph+N				
	Voltage window	from 160V to 276V				
	Frequency	50 /60 Hz (automatic selection) ± 5%				
	Power factor	0.95				
Battery(*)	Type	Maintenance-free lead (VRLA)				
	Voltage (V)	24	36	96	96	
Output	Voltage	220/230/240V 1 ph+N				
	Voltage tolerance	± 3%				
	Power Factor	0.7				
	Frequency with mains present	Input frequency				
	Frequency with internal reference	50/60 Hz ± 0.5%				
	Distortion factor	Linear load	<=4%			
		Non-linear load	<= 8%			
	Crest factor	3:1				
	Overload capacity	130% per 1.5 sec.- 110% per 10 sec. Output to short-circuit protected				
	<b>GENERAL DATA</b>					
Connectivity	Serial interface COM3	Connector type SUB-D with 9 pin (RS232)				
	Serial USB interface	USB type B				
	"Ext.outlet control" interface (for optional "ECO" load management system board)	Connector SUB-D with 9 pin ManageUPS / Voltage-free contact board (SIC)				
User interface	COM interface (optional)					
Signals		LEDs on frontal panel				
Safety		Acoustic alarm				
RFI emission		EN 50091-1-1				
Immunity to disturbances		EN 50091-2 class B, EN 50081-1				
		EN 50082-1				
		IEC 801-2 level 4/IEC 801-3 level 3 IEC 801-4 level 4/IEC 801-5 level 3				
Efficiency		>83%	>86%	>88%	>90%	
Protection level		IP 20				
Cooling		Fan Cooled				
Noise level (dBA)	from network	<39	<39	<45	<45	
	from battery	<40	<40	<46	<46	
Working temperature		from 10°C to 40°C				
Recomended battery temperature		from 15°C to 25°C				
Storing temperature		from -15°C to 40°C				
Relative humidity allowed when working		from 20% to 90% without condensation				
Installation height		<=3000m (above 1500m the maximum room temperature is 35°C)				
<b>DIMENSIONS</b>						
UPS Tower 230V	Net weight (Kg)	11.5	14	33	33	
	Dimensions (WxHxD mm)	145x225x405		200x350x405		
Rack	Net weight (Kg)	13	16	10	11	
	Dimensions (WxHxD mm)	483(19")x87(2U)x448		483(19")x87(2U)x412		
Tower battery extension	Type	BP Active 1000		BP Active 3000		
	Net weight (Kg)	not available	19	48		
Rack battery extension	Type	BP Active 1000-19		BP Active 3000-19		
	Net weight (Kg)	not available	22	27		
	Dimensions (WxHxD mm)	483(19")x87(2U)x448		483(19")x87(2U)x448		
<b>CONNECTIONS</b>						
Main connection	Tower (Type/Nominal current)	IEC 320/10 A	IEC 320/10 A	IEC 320/10 A	IEC 320/16 A	
	Rack (Type/Nominal current)	IEC 320/10 A	IEC 320/10 A	IEC 320/10 A	IEC 320/16 A	
Safety	On network power supply	6A	10A	12A	16A	
Output connectivity	Tower (No./Type/Nominal current)	4/IEC 320/10 A	4/IEC 320/10 A	4/IEC 320/10 A	2/IEC 320/16 A	
	Rack (No./Type/Nominal current)	4/IEC 320/10 A	4/IEC 320/10 A	4/IEC 320/10 A	1/IEC 320/16 A	
Battery extension		none		3-pole connector		

(\*) the 2000 and 3000VA versions of the ActiveRack do not include built-in batteries.

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