

# CHLORIDE

*Secure Power Always*

Active from 700 to 3000 VA



**ACTIVE**

Uninterruptible Power Supply

## Active from 700 to 3000 VA

### Superior protection and availability ensured by high performance UPS

#### The Range

Robust, highly efficient, manageable, intelligent, superior connectivity, environmentally friendly - these words define Chloride's Active range, which represents a unique and powerful combination of features.

The Active has an aesthetically pleasing design and is available in a range of tower and universal 19" rack/tower formats from 700 VA up to 3 kVA, meeting all your needs for a single phase online double conversion product.

Chloride is taking the lead by providing customers with an outstanding range of high performance products.

#### Flexible design gives added benefits

Active operates using online double conversion technology so that loads are isolated from AC mains disturbances.

Several features can be highlighted in this UPS:

- Control based on a powerful DSP.
- Very high output power factor (up to 0.9).
- Tower and tower/rack design (just 2Us form factor) for maximum flexibility.
- High efficiency in power conversion.
- ECO mode available for minimum energy dissipation.
- Hot swappable batteries for easy maintenance without disconnecting the load.
- Advanced Battery Management.
- Autodetection of external battery packs.
- Comprehensive LED front panel display for easy user interaction.
- Optional front panel with LCD display.
- Controllable output sockets for intelligent load management and battery saving.
- Can operate as a frequency converter.
- Diesel generator compatible.
- Very reliable.
- Internal automatic bypass to keep the load fed in the event of a UPS failure.
- RPO (Remote Power Off) and ROO (Remote On/Off) available.
- Enhanced Power Factor Correction for minimum mains distortion (input power factor 0.99).
- Status signals on communication port: mains fault, battery low, etc.

- Reduced acoustic noise thanks to the variable fan speed.
- TÜV and UL/cUL certifications.

This powerful combination of features provides a superior protection capability for critical loads and ensures business continuity.

Runtime can be extended to fit your requirements with the addition of external battery packs to achieve backup times of up to several hours.

#### Connectivity

The Active range is fully compatible with Chloride's portfolio of Connectivity solutions.

Active includes industry standard RS232 and USB ports for direct communication between the UPS and a computer running MopUPS Professional software (included with the UPS). Options available include ManageUPS NET adapter and ManageUPS CIO software.

#### MopUPS Professional

Software for safe system shutdown and useful power management. With advanced features such as network shutdown, scheduled shutdown and restart, event messaging, event logging, data logging, real time viewing, UPS diagnostics and remote access, MopUPS Professional has everything to preserve data and maximise system uptime.

#### ManageUPS NET adapter (SNMP/WEB)

It delivers a complete set of management options, including WEB, Telnet, and Out-Of-Band accessibility in addition to the fully featured SNMP agent embedded within. Event messages are offered as e-mail as well as SNMP traps; a truly versatile tool for managing UPS systems in a network environment. It can be complemented by the addition of an environment sensor for ambient temperature and humidity monitoring and input/output relay contacts.

#### ManageUPS CIO

Alarm monitoring and asset management for remote sites and distributed UPS installations. ManageUPS CIO is software that provides a central management system for critical power

infrastructure distributed within a building, campus or wide area network environment.

Chloride's suite of Connectivity solutions has everything you need to preserve data and maximise system uptime.

#### Applications

Chloride's Active range provides a combination of outstanding protection features and flexibility, making it the right choice for applications demanding optimum reliability and energy efficiency:

- IT systems such as servers, networking devices, workstations, storage systems and a long list of other IT equipment find the right protection element in Active, especially when combined with Chloride's powerful Connectivity suite.
- VoIP equipment, railway control systems, medical laboratory instrumentation, and many other industrial applications may also benefit from the consistent and high quality power provided by the Active, thanks to the robustness, precision and high efficiency provided.

#### Chloride Services

Chloride provides you with a wide range of services that will help you improve the protection of your equipment and extend your UPS's lifetime.

These services include help analysing your power protection needs, AC quality analysis, UPS connectivity and networking, installation and commissioning and battery replacement.

Besides this, Chloride offers a range of maintenance plans which will:

- Help deliver reliable power to your load.
- Extend the life of your power protection equipment.
- Optimise your capital expenditure.
- Provide risk management at a fixed cost.
- Help control your business environment.

Contact your local Chloride sales office for more information.

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

	Active 700T	Active 1000T	Active 1000RT	Active 1500T	Active 1500RT	Active 2000RT	Active 3000RT
UPS Rating	700 VA	1000 VA		1500 VA		2000 VA	3000 VA
Housing	Tower	Tower	Rack/Tower	Tower	Rack/Tower	Rack/Tower	Rack/Tower
Technology	Advanced on-line double conversion						
Output Power <sup>(1)</sup> (VA/W)	700/630	1000/900		1500/1350		2000/1800	3000/2700
<b>INPUT</b>							
Nominal input voltage (VAC)	200-240 V						
Maximum input voltage range (VAC)	120-284 V					140-284 V	
Nominal input frequency (Hz)	50/60 Hz auto-selection						
Operative input frequency range (Hz)	50/60 Hz +/-5% (40/70 Hz in Frequency Converter Mode)						
<b>OUTPUT</b>							
Nominal output voltage <sup>(2)</sup> (VAC)	200 / 208 / 220 / 230(default) / 240 V						
Voltage regulation (%)	3%						
Output frequency (Hz)	50/60 Hz ±0,5% (same as input or selectable in Frequency Converter Mode)						
<b>BATTERIES</b>							
Type	Sealed maintenance-free lead acid (VRLA)						
Battery management	Advanced battery care and external battery pack autodetection						
Typical autonomy (@75%)	8 min	9 min		6 min		9 min	6 min
<b>GENERAL</b>							
Efficiency in line mode (%)	86%	86%		86%		88%	90%
Typical acoustic noise in online mode (dBA)	39	39	40	39	40	46	46
<b>CONNECTIVITY</b>							
Communication Ports <sup>(3)</sup>	RS232/USB / status signals						
Communication Slot	1 slot for SNMP or volt-free contacts card						
Remote Power Off (RPO) & Remote On/Off (ROO)	Yes/Yes						
<b>ENVIRONMENTAL</b>							
Operating temperature	0 - 40 °C						
Storage temperature	-15°C / +40°C						
Altitude & Relative humidity	0-3000m / 20% to 90% (non condensation)						
<b>MECHANICAL</b>							
Size (WxHxD, mm)	157x245x438	157x245x438	438x86.5(2U)x482	157x245x488	438x86.5(2U)x482	438x86.5(2U)x657	438x86.5(2U)x657
Weight (kg)	12.3	15	17.9	17.6	20	26	31
<b>CONNECTIONS</b>							
Input	1 x IEC320 C14 (10 A)						1xIEC320C20(16A)
Output	6 x IEC320 C13 (10A), 2 groups controllable						6xIEC320C13(10A), 3 contr.(2groups) 1xIEC320C19(16A)
<b>STANDARDS</b>							
CE Mark	Yes						
Safety	EN62040-1, EN60950 (RD), TÜV, CB report, UL/cUL						
EMC	EN62040-2, class C2; IEC61000-4-3/4/5/6/8/11; VDE160; IEC61000-2-2						
Performance	EN62040-3						

<sup>(1)</sup>Output power with external battery packs is 1000 VA models: 1000 VA/800 W, 1500 VA models: 1500 VA/1200 W, 2000 VA models: 2000 VA/1600 W, 3000 VA models: 3000 VA/2400 W.

<sup>(2)</sup>For output nominal voltage 200 V, there is a power de-rating of 20% . For output nominal voltage 208 V, there is a power de-rating of 10%.

<sup>(3)</sup>Both ports cannot be used simultaneously.

**Note:** The information shown in the table above corresponds to a nominal voltage of 230 V. For other input voltage, check specifications.

Battery Packs	BP-A1000/1500-T	BP-A1000/1500-RT	BP-A2000/3000-RT
Housing	Tower	Rack/Tower	Rack/Tower
Compatible UPS unit	Active 1000T, Active 1500T	Active 1000RT, Active 1500RT	Active 2000RT, Active 3000RT
<b>MECHANICAL</b>			
Size (WxHxD, mm)	157x245x438	438x86.5(2U)x482	438x86.5(2U)x657
Weight (kg)	20	25.4	43.7

# CHLORIDE

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