

Chloride 90-NET UPS (675 kW, 750 kVA)



Secure, scalable power for today and tomorrow's data center requirements.

Chloride 90-NET UPS

The Chloride 90-NET UPS Series is designed to meet the changing priorities and requirements of modern data centers in single- and multi-module configurations.

The series is optimized for high density applications ranging from conventional servers and communications gear to advanced blade servers—without derating or modification. Solid design and technology, paralleling capability, and dual inputs assure the highest levels of system availability while setting new standards for efficiency, cost-effectiveness, flexibility, and quiet operation.

Dependable technology

- True on-line operation
- Space-saving internal maintenance bypass (single module systems only)
- High efficiency
- Blade server (leading power factor) ready
- 0.9 leading to 0.9 lagging output power factor
- Vector-control IGBT inverter
- Advanced battery management
- Low input THDi
- LIFE.net for real-time monitoring of UPS status from the Chloride Service Center.

Convenient features

- Parallelable, up to 8 modules
- User friendly display and operator controls
- Quiet operation
- Includes ManageUPS SNMP Adapter
- Dual input capability
- Power walk-in capability (selectable)
- Generator mode (selectable)

Versatile options

- External maintenance bypass
- ManageUPS® CIO web based management software
- ManageUPS NET Adapter +B Modbus
- MopUPS® PR parallel/redundant management/shutdown software
- Extended warranties and service plans
- Multiple bus synchronization module
- Preventative maintenance packages

Reliable service

- 24-hour technical support

Assured safety & quality

- Listed to UL 1778, CSA 22.2 No. 107.3
- ISO 9001 & ISO 14001

90-NET UPS model	750
Part number	90NET/750/750-44
Power rating @ 0.9 power factor (kVA/kW)	750/675
Input voltage single input (VAC)	480, 480/277 (if neutral is used)
Input voltage dual input (VAC)	480 rectifier, 480/277 bypass (if neutral is used)
Input voltage tolerance	+15% / -15%
Input frequency (Hz)	60 (±5%)
Input power factor	0.92
Input current (nominal/maximum) (A)	960/1173
Input THDi	≤5%
Output voltage (VAC)	480/277
Output voltage regulation	±1% with balanced load; ±3% with 100% unbalanced load
Voltage THD	<3% for 100% linear loads
Load power factor (without derating)	0.9 leading - 0.9 lagging
Output frequency (Hz)	60 (±0.75% selectable)
Nominal output current (A)	903
System efficiency @ 100% load	93%
Full load heat rejection (BTU/hr)	173,402
UPS dimensions HxWxD - in (cm)	77.3 x 131.3 x 33.6 (196.4 x 333.5 x 85.4)
UPS net weight - lbs (kg)	9,371 (4,250)
UPS ship weight - lbs (kg)	9,820 (4,454)
External battery part number	Contact factory for all external battery information

Performance characteristics

Paralleling capability: for capacity and redundancy

Inverter technology: IGBT with vector control system—DSP technology for real time response to overloads and power disturbances

Overload capacity: 150% for 1 minute; 125% for 10 minutes

Maximum acoustical : 75 dBA @ 1 meter

Connectivity: dry contact, RS-232, and user programmable interface SNMP (standard)

Temperature: operating: 32°F - 104°F (0°C - 40°C)

Relative humidity: 95% non-condensing

Altitude: 5000 ft / 1500 m asl without derating

Protection degree (with doors open): IP20

This company has a policy of continuous product development and improvement, and we therefore reserve the right to vary any information or specification without prior notice.

This publication is issued to provide outline information only and is not deemed to form any part of any offer and contract.

ManageUPS and MopUPS are registered trademarks of Chloride Group PLC or its subsidiary companies. All other trademarks, product and corporate names are the property of their respective owners.

© 2007 Chloride Group PLC

Chloride

27944 North Bradley Road
Libertyville, IL 60048
USA

T 800 327 8801

F 847 680 5124

www.chloride-na.com