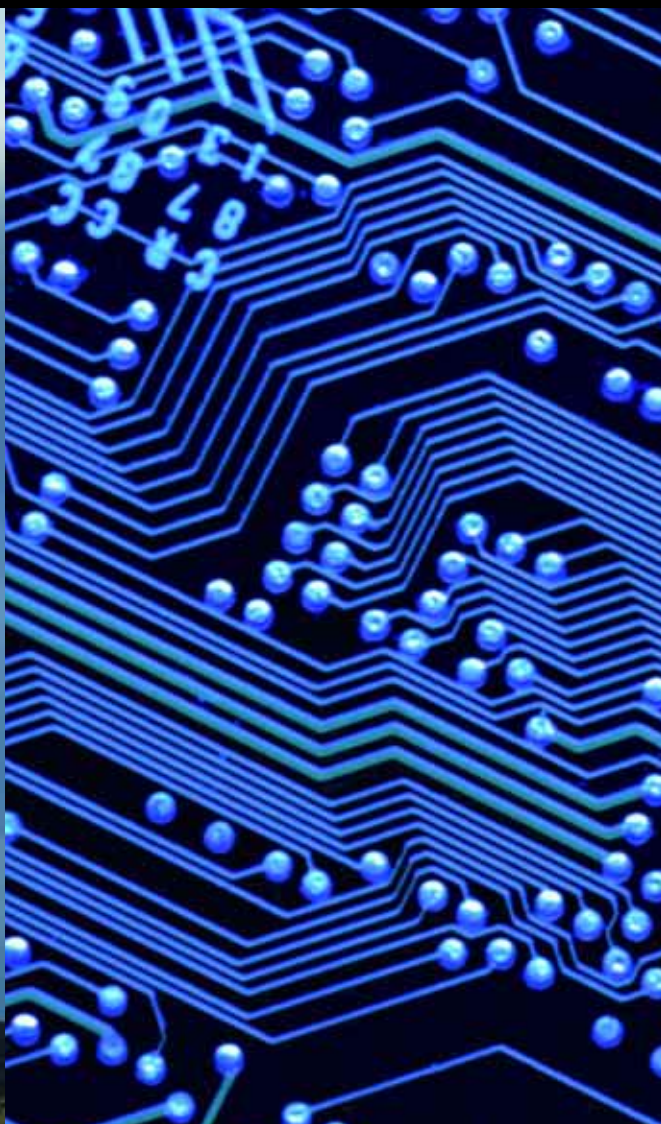


When there's  
no time for downtime . . .



Product and Service Overview

## The Total Protection Solutions Provider

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ONEAC prevents downtime of mission-critical electronic systems by designing and manufacturing products that provide the highest level of protection against power and communications line disturbances. Those who use ONEAC products significantly improve the reliability of their systems, regardless of conditions.

## Total Protection Solutions

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ONEAC's philosophy is that of Total Protection. "Any place a copper wire connects to an element of your system, you should provide a protection interface between your sensitive electronics and the electrical worlds with which they connect." AC lines are an obvious example, but voice and data lines can provide a "back door" entry into an otherwise protected system.

ONEAC's Total Protection Solutions protect all paths by which electrical disturbances can enter a system. Providing protection for communication lines and power protection, with or without battery back-up, ONEAC Total Protection assures increased system reliability with far fewer interruptions or outages.

## Service and Support

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ONEAC offers 24-hour technical support and numerous services to enhance our product offering:



### Premium Protection™ Service Plans (for UPS 3 kVA and below)

ONEAC's Premium Protection Service Plans offer four different levels of service for its UPS products, 3 kVA and below. These plans incorporate extended UPS and battery warranties and expedited replacement units.

### ServiceCare™ Service Plans (for UPS 3.3 kVA and above)

A variety of warranty-enhancing and on-site service plans are available for our larger and hardwired UPS and battery systems. Our nationwide network of factory-certified service technicians are available 24/7 to meet your service needs. ONEAC can also work with you to custom-tailor a protection plan for your specific needs.



### BatteryCare™ Plans (for UPS and DC power systems)

BatteryCare Plans are available for maintenance of all stationary battery systems, including pure lead, standard, flooded and VRLA. ONEAC can also work with you to custom-tailor a maintenance plan to meet your specific needs.

### Factory Recertification Programs (for ON Series UPSs and Battery Cabinets)

Under the Factory Recertification Program, ONEAC will refurbish and recertify your UPS in our factory Repair Center.

### Turnkey DC Power, UPS and Battery Installation

Turnkey installation and service, nationwide, from our strategically-located service centers for ONEAC UPS and DC Power Solutions. We're equipped to provide the logistical support and site supervision to ensure the job is completed right the first time.



### Additional Service Offerings

- Site Surveys
- Hot Spares Program
- Diagnostic Equipment Rentals
- Training

## Replacement Batteries

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When your UPS or DC power system needs replacement batteries, ONEAC offers OEM battery packs or pre-wired cabinets, as well as larger batteries that can be installed on-site by our factory-certified field service staff.

## Power Conditioners

ONEAC offers a number of different premium-grade Power Conditioner Solutions. The ONEAC power conditioning design incorporates a low-impedance isolation transformer that limits not only peak voltage (amplitude), but also the edge-speed (frequency) of electrical transients. ONEAC power conditioned solutions also feature the patented Virtual Kelvin Ground® – a unique grounding methodology that creates a noise-free power environment. ONEAC power conditioners are suitable for replacing dedicated isolated ground circuits.

### Power Conditioners

#### Single-Phase



##### ConditionOne® Series Power Conditioner

120/230 V, 50/60 Hz, 75 to 1000 VA.  
Available in floor-mount or wall-mount configurations.  
Optional ONEGROUND® Technology protects against ground skew problems.



##### CX Series Power Conditioner

120/240/480 V, 50/60 Hz, 140 VA to 9.6 kVA,  
also features voltage conversion.



##### CB/CC Series Power Conditioner

120 V, 60 Hz from 1.4 to 5.76 kVA  
Optional ONEGROUND Technology protects against ground skew problems.



##### CBS/CCS Series Power Conditioner

110-240 V input, 114-240 V output, 50/60 Hz from 1.92 to 4.8 kVA.



##### CSR Series Power Conditioner

100-480 V input, 120, 240, or 120/240 V split-phase output,  
50/60 Hz, 5.76 to 9.6 kVA.

#### Three-Phase



##### CDR Series Power Conditioner

Highly customizable, full-featured conditioner featuring voltage conversion and power distribution. Multiple input voltages from 190-480 V, 208/120 V output (400/230 V output available on 45 kVA models), 50/60 Hz from 7.2 to 45 kVA.



##### CLD Series Power Conditioner

Low-cost three-phase conditioner with multiple input voltages from 190 to 480 V, 208/120 V output, 50/60 Hz from 54 to 100 kVA.



##### CD Series Power Conditioner

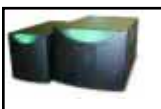
Features the maximum amount of output power distribution options. Multiple input voltages from 190 to 480 V, 208/120 V output, 50/60 Hz from 21.6 to 100 kVA.



##### CRM Series Power Conditioner

Rack-mount conditioner with multiple input voltages from 208 to 480 V, 208/120 V output, 50/60 Hz from 5.8 to 8.6 kVA.

#### Medical and Hospital-Grade



##### PCM Series Power Conditioner for medical applications

IEC60601-1 (EN60601-1, UL 60601-1, CAN/CSA-22.2 No. 601.1-M90)  
120/230 V, 50/60 Hz from 120 to 3000 VA. Available in floor-mount or wall-mount configurations.

## High-Performance Power Filters

Sensitive electronic equipment requires protection from the disruptive effects of ongoing power line noise. ONEAC's filter-based solutions provide cost-effective protection from damaging signals. ONEAC high-performance filter-based products are far superior to traditional surge suppressor- or basic filter-based products.



##### FilterOne® Power Filter

Available in 120 V, 60 Hz for 15 Amp (single-phase) applications. FilterOne can be mounted horizontally, vertically, or on the wall.



##### FA Series Power Filter

Available in 173-600 V, 50/60 Hz from 30 to 100 Amp (single- or three-phase) applications. The FA Series features a NEMA 12 enclosure and is wall or floor mountable.

## Uninterruptible Power Supplies (UPS)

ONEAC knows that different applications call for different levels of power protection. And that's why we offer a number of different UPS solutions including power conditioned and non-power conditioned UPSs featuring standby, line-interactive, and on-line double conversion topologies. The equipment, the environment and the individual application are key factors in choosing the right level of protection.

### Power Conditioned UPS

#### Single-Phase



##### ONEPlus™ Series UPS

Line-interactive, 120 V, 50/60 Hz from 250 to 1000 VA with Basic and Advanced communications\* interface, USB and serial ports. ONEGROUND technology protects against ground skew problems. Also, includes MopUPS Express communications software.



##### ON Series® e UPS

Line-interactive, from 200 to 600 VA in either 120 V, 60 Hz or 120 or 230 V, 50/60Hz with Basic communications\* interface and scalable runtime. Optional ONEGROUND technology protects against ground skew problems. The 200 and 300 VA models are also available in wall-mount configuration.



##### ON Series UPS

Line-interactive, available in global voltages, 50/60 Hz from 400 VA to 5 kVA with Basic and Advanced communications\* interface and scalable runtime. Universal-mount (rack or floor) and wall-mount models available. Includes MopUPS software.

#### Three-Phase



##### Sinergy® SE Series UPS

On-line double conversion, available with 208/240 V single-phase input, 120, 208, 240 V single-phase output, 50/60 Hz from 4 to 10 kVA. 15 and 20 kVA models available with 208 V three-phase input and 120, 208, 240 V single-phase output with Advanced communications\* interface. Scalable runtime.

#### Medical-Grade [IEC60601-1 (EN60601-1, UL2601-1, CAN/CSA-22.2 N. 601-1M90)]



##### ON Series m UPS for medical applications

Line-interactive, 120/230 V, 50/60 Hz from 300 to 600 VA with Basic communications\* interface and scalable runtime.

### Non-Power Conditioned UPS



##### Desk Power UPS

Standby, available in 120 V, 50/60 Hz from 300 to 650 VA. TVSS protection with USB communications interface. Includes MopUPS® Express Software.



##### Sinergy S Series UPS

On-line double conversion, available in 120 V, 50/60 Hz from 700 to 3000 VA. TVSS protection with Advanced communications\* interface. 1000-3000 VA models feature scalable runtime.



##### CP Series Parallel Redundant UPS (10 to 20 kVA)

On-line double conversion, parallel redundant UPS, available in multiple three-phase input and output voltages, 60 Hz from 10 to 20 kVA, parallelable up to 8 modules for 160 kVA capacity with K-rated isolation transformer. Advanced communications\* interface and scalable runtime.



##### EDP Series UPS

On-line double conversion, available in multiple three-phase input and output voltages, 60 Hz from 12 to 500 kVA parallelable up to 6 modules for 3000 kVA with K-rated isolation transformers. Advanced communications\* and scalable runtime.



##### CP Series Parallel Redundant UPS (125 to 150 kVA)

On-line double conversion, parallel redundant UPS, available in multiple three-phase input and output voltages, 60 Hz from 125 to 150 kVA, parallelable up to 8 modules for 1200 kVA with K-rated isolation transformer. Advanced communications\* interface and scalable runtime.

\* Compatible with ONEAC communications software and accessories as offered on next page.

NOTE: See page 2 for UPS replacement batteries.



## UPS Communications Software and Accessories

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ONEAC is leading the market with state-of-the-art connectivity solutions. We have the tools you need to shutdown a single server or an entire network. You can also remotely monitor your UPS status via SNMP, Telnet or the Web.



### MopUPS® Professional Communications Software

Software for safe system shutdown and power management. With features such as network shutdown, scheduled shutdown and restart, event messaging, event logging, data logging, real time viewing, UPS Diagnostics and remote access.



### ManageUPS® Net Adapter

A truly versatile tool for managing UPS systems in a network environment. A complete set of manageability options including WEB, Telnet, and Out-Of-Band accessibility in addition to the full featured embedded SNMP agent. Event messages are reported through email as well as SNMP Traps.

## DC Power Solutions

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ONEAC's TeleStar™ Series features state-of-the-art technology to ensure high reliability and system performance. Quality is designed into each component of ONEAC's DC power systems. Designed to meet Bellcore, CCITT, and FCC standards, the TeleStar Series is manufactured in ISO9001 Certified manufacturing facilities and all components are UL and CSA approved.

### TeleStar Series Power Shelves



#### MC600 Power Shelf

Modular Power Shelf consumes only 3U of rack space. 600 Watts per rectifier. Each shelf can accommodate up to five 10 Amp rectifiers. Includes a CSU, battery disconnect and optional PDU.



#### MC1800 Power Shelf

Modular Power Shelf consumes only 2 or 3U of rack space (depending upon orientation of rectifier). 1800 Watts per rectifier. Each shelf can accommodate up to four 30 Amp rectifiers. Includes a CSU and optional PDU.

### TeleStar Series Network Power System



#### MC3000 Network Power System

At 3000 Watts per rectifier, this complete network power system can accommodate up to twenty-four 50 Amp rectifiers and 3 rails of breakers (23 per rail). Equipped with a CSU, PDU and optional battery disconnect. For larger applications, the MC3000 Network Power Systems can be expanded to 4800 Amps.

### TeleStar Series DC Power Accessories



#### ER Systems Battery Solutions

The ER battery assembly is designed for smaller battery applications where shelf-mounted batteries can be fitted in an existing rack. Ranging in size from 30 AH to 120 AH, The ER batteries are a good match when using the MC600 or MC1800 Power Shelf solution.

#### EZ Systems Battery Solutions

48 Volt modular systems incorporate front-access CSL batteries. Available in sizes from 80 to 2040 AH, EZ battery solutions are designed to fit within a 23" telecom bay footprint and can be used independently or as an integrated part of a telecom power plant.



#### MC3000 Inverter

Available with 1 or 2 kVA single-phase output. Occupies only 2U of valuable rack space and incorporates a user-programmable display.

## Communication Line Protection (CLP)

The benefits of ONEAC Communication Line Protection (CLP) go beyond lightning protection. ONEAC CLPs minimize, if not eliminate, dropped calls, dropped data connections, and other random voice and data line problems.

### Sentinel™ Series CLP

ONEAC's Sentinel Series features a state-of-the-art, patented technology designed specifically for today's advanced communication circuits. Sentinel Series Protectors offer the highest level of protection available.



#### N5 Series Communication Line Protector

Suitable for 5-pin bases and are available for analog, digital, ADSL, T1 and DSL lines.



#### 6 Series Communication Line Protector

Suitable for M-150 66 block connection types and are available for analog, digital, ADSL and T1 lines.



#### 10 Series Communication Line Protector

Suitable for Krone LSA Plus 237A (or compatible) and are available for analog and digital lines.

### OnLine® Series CLP

ONEAC's flagship CLP line features a patented protection technology that provides the highest level of protection available.



#### 5S Series Communication Line Protector

Suitable for 5-pin bases and are available for analog and digital lines.



#### 6 Series Communication Line Protector

Suitable for M-150 66 block connection types and are available for analog and digital lines.



#### HW Series Communication Line Protector

Suitable for RJ-type modular or hardwire connections. J Series / ST Series protectors are available for analog, digital and high-speed data lines.



#### 1 Series Communication Line Protector

Suitable for Porta connection types and are available for analog and digital lines.



#### 10 Series Communication Line Protector

Suitable for Krone LSA Plus 237A (or compatible) and are available for analog and digital lines.



#### Ethernet and RS232 Communication Line Protectors

Suitable for 10/100BaseT, PoE (Power over Ethernet) network lines and RS232, serial communication interfaces.

### Convergent Series™ CLP

The perfect solution for rack-mount, wall-mount, shelf-mount and VoIP environments. The Convergent Series features ONEAC's patented technology which provides the highest level of protection available.



#### Base Units

Rack-, shelf-, or wall-mountable to house ONEAC's Convergent Series modular line protectors for analog, digital, and high-speed data lines. These base units are available in 5-, 10-, and 16-port variations.



#### Modular Protectors

Available for a variety of communication lines including analog, digital, and high-speed data lines.

ONEAC, MopUPS, ManageUPS, OnLine, ON Series, Sinergy, Virtual Kelvin Ground, ONEGROUND, and ConditionOne are registered trademarks and Sentinel, TeleStar, Convergent Series, FilterOne, Premium Protection, ServiceCare, and BatteryCare are trademarks of ONEAC Corporation. All other trademarks, product and corporate names are the property of their respective owners.

ONEAC is a UL/BSI registered corporation  
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