

MaxPower Corporation

A single source for critical power
& infrastructure solutions

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MaxPower is the largest master distributor of UPS, power distribution, and critical cooling solutions in North America

- Headquartered in Denver, CO
- Belongs to a group of companies that designs and manufactures products for OEMs, distributors, and reseller partners in the U.S., Canada, and EMEA markets



MaxPower stocks:

- Uninterruptible power systems (UPS)
- Power distribution systems
- Cooling for critical electronics
- Power conditioners
- Lighting inverters
- Maintenance bypass
- Battery cabinets

We measure success by our ability to grow the business of our reseller partners

Why should you partner with MaxPower?

- **Competitive price discounts and streamlined ordering**—managed from beginning to end
- **Superior product and technical support**—inside sales staffed by industry experts
- **Premium and value products with exceptional availability**—strategically located warehouses accommodate significant stock
- **Personalized sales support**—a combination of inside and outside sales



Mike Wiessing
South Central region



Sydney Burns
Northwest region



Heather Chico
Northeast region



Steve Lipnisky
North Central region



Jocelyn McCaslin
Southwest region

We only work with resellers
and do not sell direct

Become a more responsive reseller by taking advantage of our free sales tools

Conveniently web-accessible:

- Detailed product spec sheets
- Promotional product flyers
- Product presentations
- Video product demos
- Online store—displays live inventory, product availability and pricing

Available through reseller support:

- Reseller reference guide
- Training webinars
- Tradeshow support
- Customized shipping labels & flyers

www.maxpowercorp.com

Reseller support
800.576.3966

MaxPower offers the following lines:



Partner
Power Quality

TOSHIBA

X-TREME
Power Conversion®



OCEANAIRE



Xtreme Power

Designs, produces and delivers power quality and data center solutions while providing the best cost-to-performance ratio in the industry

Standby & line-interactive UPS



XST

400VA-800VA

Safeguard your home office equipment from power outages, power surges and brownouts



XVT

600VA-1500VA

Cost-effective solution for small office and point-of-sale applications



XVRT

1000-3000VA

Ideal power protection for servers, VoIP equipment, business telephone systems and other network-grade equipment



Online UPS



NXRT

1000VA-3000VA

Online UPS protection for critical business servers, telephony and equipment requiring long battery runtimes



XPRT

1000VA-3000VA

Flexible online UPS with a wide input window and programmable output voltage



XPRT

6kVA, 10kVA

Smallest available solution including hot swappable internal batteries, automatic bypass, integrated maintenance bypass and dual-voltage output



Cooling, power distribution, and bypass distribution



XC

13,200, 21,000 & 29,000 BTU/H
Cost-effective cooling for critical electronics; available with an optional air discharge kit



XBDM

15, 20, 30 AMP
Enable UPS repair or replacement without power interruption by manually transferring critical loads from UPS power to utility power using a bypass switch



XPDU

15, 20 AMP
Deliver reliable power distribution to critical computer loads



New UPS products in 2012



S70

500VA-2000VA
(in stock now)

Battery back up
and surge protection
for home office or
small office

P80

1100VA-3000VA
(available in Q4)

High performance
power protection
via sine wave line-
interactive technology

P90

1000VA-3000VA
(available in Q4)

High performance
online UPS that boasts
a power factor of 0.9
in 2U of rack space

R90

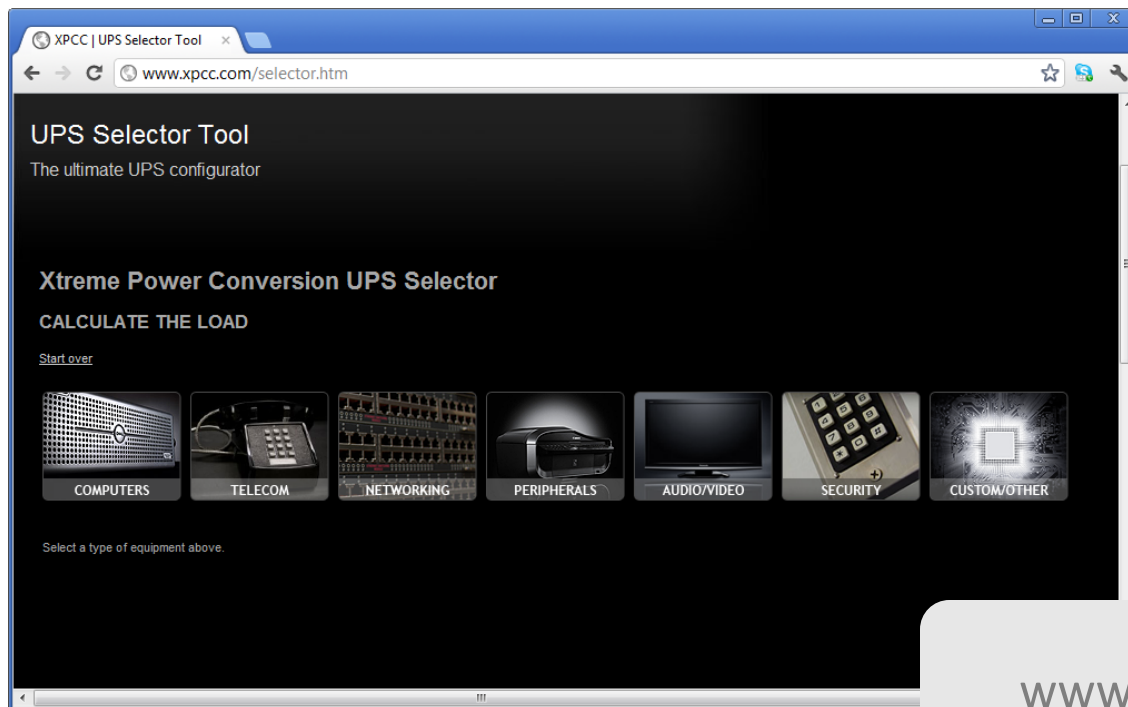
20kVA/18kW
(Contact us for quote)

Three-phase UPS
high performance rack
mount



Sales tools

- **Customized product flyers**—branded for each reseller
- **Online UPS selector**—size a UPS based on load and desired battery runtime



www.xpcc.com/selector.htm

Legacy Power Conversion

U.S. manufacturer of Heritage ferroresonant UPS
located in Necedah, Wisconsin



Herytage ferroresonant UPS

Rugged & configurable UPS ranging from 2kVA/1.6kW to 20kVA/16kW



Offers power filtering, cleaning, output regulation and harmonics filtering without using batteries for most sags and brownouts at a higher efficiency and lower cost than other ferroresonant brands

Product snapshot

- High output power rating of 0.8
- UP to 93% efficiency
- Galvanic isolation separates input from output
- Applications: harsh electrical environments
- High configurable UPS, designed for serviceability
- 10 year warranty (Full 3 year on UPS & battery plus an additional 7 year pro-rated on the entire unit)

Key features

- High output watt rating (0.8 power factor) allows selections of smaller kVA size
- Higher AC efficiency at full and partial loads (up to 93%)
- Highly configurable – wide range of runtimes, charger options, line cords and receptacles
- Designed for serviceability – easy access and board-level repairs; service by trained resellers, qualified end users or factory

GE

Superior performance and industry-leading energy efficiency for backup power management to ensure mission critical equipment and processes are protected and uninterrupted by power system anomalies



Partner
Power Quality

VH Series

120V / 700VA to 3000VA / SINGLE-PHASE UPS



- Double conversion technology, hardened design, peak load handling and wide temperature operating range
- 700VA, 1000VA, 1500VA and 2000VA available in June 2012; 3000VA available in Q3 or Q4
- Superior battery management provides 60% longer battery life than competitors
- High peak load handling and laser printer mode for non-standard applications (e.g. motors)
- Failsafe bypass for maximum reliability
- Hot swappable batteries for fully secure and fast battery replacement without dropping the load
- Boost/float charging for fast recharge (<2hours to 90%)
- Three year warranty including battery

GT Series

120/208V / 5kVA to 10kVA / SINGLE-PHASE UPS

High efficiency >92%

Maintenance bypass standard

2-year full warranty

15+ PDUs for maximum output flexibility



Extended runtime options available with 2U plug & play battery packs

Additional communications SNMP card slot; built-in RS-232 communication port

Hot-swappable battery and power modules

- Split phase, online, double conversion, transformerless UPS
- Available in 5kVA, 6kVA, 8kVA and 10kVA tower and/or 19" rackmount cabinet
- Easily adapts to changing network configurations
- 120/208/220/240V
- Parallel for capacity or N+1 redundancy (8kVA and 10kVA only)

LP11 & LP11 UL924

120/208/240V / 5kVA to 10kVA / SINGLE-PHASE UPS

Isolation transformer provides separately derived source for additional critical power protection

ECO mode enables automatic energy savings by providing 97% efficiency



Internal automatic maintenance bypass

Wide AC-input voltage and frequency capability

Rugged design handles short-circuit, high overload and 5:1 crest factor loads

- Robust, high-performance UPS available in 5kVA, 6kVA, 8kVA and 10kVA
- Double-conversion with true online operation
- Parallel up to 4 units for capacity or redundancy
- Two year full warranty
- Frequency conversion without de-rating
- Also available with UL924 rating for lighting applications including 120/208/240/277V with 90 minute battery

LP33 Series

208V / 10kVA to 100kVA / THREE-PHASE UPS

High input power factor (>0.98);
low input THD distortion (<8%)

Transformerless design for
compact footprint

Low input distortion and fast
transient response eliminate
need for oversizing the UPS

ECO mode for single module
configuration enables automatic
energy savings by providing up to
98% efficiency



Superior battery management
enhances battery lifetime

Integrated internal manual
maintenance bypass on
10-60kVA models

Internal batteries up to 60kVA

- A robust, high performance UPS system that provides power protection for a wide range of mission critical applications
- 50kVA, 60kVA, 80kVA, 100kVA, 0.90 output power factor
- 10kVA, 20kVA, 30kVA, 40kVA, 0.80 output power factor
- Parallel up to 4 units for capacity or redundancy

SG Series

480V / 10kVA to 750kVA / THREE-PHASE UPS

Up to 99% operating efficiency
in eBoost mode

Top or bottom cable access

Front maintainability design
reduces mean time to repair

Transformer-based, double
conversion topology



Slimline matching external
MBP cabinet

Matching maintenance bypass
cabinet/transformer combo
cabinet for easy configuration

OSHPS seismic ratings

- A high efficiency UPS that features a transformer-based, double conversion topology
- Available in 10kVA, 20kVA, 30kVA, 40kVA, 50kVA, 80kVA, 100kVA, 120kVA, 150kVA, 0.80 output power factor
- Available in 225kVA, 300kVA, 400kVA, 500kVA, 750kVA, 0.90 output power factor
- Features ultra-high efficiency up to 99%, eBoost patented multi-mode UPS technology and power conditioning/filtering in eBoost mode
- Parallel up to 6 UPS modules; redundant parallel architecture provides reliability, redundancy and scalability

Staco Energy

A privately-held manufacturer based in Dayton, Ohio that has been manufacturing UPS, transformers, voltage regulators and power quality products for 75 years



UniStar

1000VA to 10kVA / SINGLE-PHASE UPS

UniStar C Rack/Tower

Online, 1000VA, 2000VA and 3000VA UPS available in 120V and 230V models

UniStar P Rack

Online, 6kVA UPS available in 120/208V or 120/240V, single module or parallel configurations

UniStar P Tower

Online 6kVA, 8kVA and 10kVA UPS available in 120/208V or 120/240V, single module or parallel configurations

UniStar III Tower

Online, 1000VA, 2000VA and 3000VA UPS available in 120V and 230V models



FirstLine P

480V / 65kVA to 250kVA / THREE-PHASE UPS

Insulated Gate Bipolar Transistor (IGBT) and Digital Signal Processor (DSP) technology in rectifier and inverter

98% efficiency in ECO mode and up to 94.5% in online mode

Bottom or optional top cable access



Isolation transformer provides complete galvanic isolation

Start-up and 2 year warranty are standard; worldwide service programs and service training are available

Standard internal maintenance bypass

- 65, 80, 100, 160 200, 250kVA – all 0.90 output rating
- Parallel up to 8 modules for capacity or redundancy
- Dual bus synchronization for redundant A and B bus designs
- 208V output transformer and distribution available
- Optional matching or wall mount bypass systems are available
- Several battery configurations and warranty programs are available

Other Products Available from Staco

StacoVAR

Power Factor correction
from 2.5kVAR
To 400kVAR



StacoSine

Active Harmonic Filter
corrects THD from 3rd
to 51st order by injecting
the compensating current
into the load



FirstLine 924

Lighting inverters UL924
three-phase 480/277V or
208/120V from 8kW to 30kW



StacoAVR

Automatic Voltage Regulation
to within +/-1% regardless of
input voltage variations



Mitsubishi Electric Power Products (MEPPI)

Unsurpassed in reliability and efficiency,
MEPPI, Inc. has been manufacturing precision-
engineered UPS since 1986.

DiamondPlus 1100

A modular three-phase UPS with efficiencies that exceed 93%



Product specs

- Online double conversion
- Over 93% efficiency
- 55.1”H x 19.7”W x 27.0”D
- Hot swappable 10kVA/9kW modules
- Fully-digital IGBT converter and inverter
- Full 3 year warranty

Key features

- Front service access
- Lightweight design with a small footprint
- Optional accessory cabinet with input/output transformers, maintenance bypass and distribution
- Internal Batteries available with 10kVA and 20kVA systems, external batteries are available for all sizes

Toshiba

Offers reliable, performance-driven UPS products

TOSHIBA

Single-phase systems

1000 Series 120V & 130V models

- Rack & rack/tower models, 1000–3000VA
- Online, double conversion UPS
- 3 year warranty



1000 SERIES



1600XP SERIES

1600XP Series

- Tower 3.6kVA to 22kVA
- Online, double conversion UPS with isolation transformer
- 3 year warranty

Three-phase systems

4200 Series

- State-of-the-art three-phase UPS
- 15, 25, 30, 50, 80kVA
- 3 year warranty
- Internal isolation transformer
- 208V standard, 400V optional

G9000

- Online UPS
- 80, 100, 160, 225kVA
- 3 year warranty
- 408V standard
- Full load online efficiency up to 97%



4200 SERIES



G9000 SERIES

Gamatronic

The Power+ is made in Israel by Gamatronic, a leading innovator in power electronics since 1970. Gamatronic products are distributed worldwide, are UL-approved and ISO9001 compliant



Power+ Product Line



Power+ SA

Available in: 10kVA/8kW three-phase
7.5kVA/6kW single-phase

Power+ M50

Floor standing models up to 50kVA; internal battery up to 30kVA and long runtime options

Power+ RM50

Up to 50kVA UPS, battery & MBS in 42U rack enclosure

Power+ M50-RM

Rack-mountable UPS chassis up to 50kVA
Rack-mountable battery and MBS options

Power+ M100

Floor standing models up to 100kVA;
long runtime options

Power+ RM100

Up to 100kVA UPS and internal MBS in 42U enclosure; matching battery cabinet

Power+ M100-RM

Rack-mountable UPS chassis up to 100kVA
Rack-mountable battery and MBS options

Features of the Power+ product line

Double-conversion UPS

Converts AC to DC then DC to AC; provides smooth, consistent power to critical loads

True online battery

Battery, rectifier and inverter connect directly to DC bus; increases reliability due to fewer components

Hot plug, hot swap modules

Power and controller modules are hot swappable; easy serviceability and lower time to repair

Scalable design

Pay-as-you-grow design with 10kVA/8kW power modules; lower initial cost and lower cost to grow

N+1 redundancy

Simply add one additional power module; low cost for redundancy

Hybrid static switch

Designed with both electronic & electro-mechanical switching devices; provides fast switching and reliability

High efficiency

94% efficiency in double-conversion mode; lower energy and cooling costs

Elliptical Mobile Solutions

Manufactures micro-modular data centers which go to the next level in terms of implementation, management, mobility, energy-efficiency and cost-effectiveness



What is a Micro-Modular Data Center (MMDC)?

A MMC is the natural evolution from large, brick and mortar data centers to 40ft/20ft data centers built in shipping containers to rack-level data centers; simply add power, network and IT equipment.



BRICK & MORTAR



CONTAINER



MMDC

EMS product line

C³-S.P.E.A.R.

- 24U of 19" rack space
- Standard with single AC
- Optional top-mounted AC for redundancy or added capacity
- Available in NEMA 12 (Indoor) or NEMA 4 (outdoor) models
- Provides cooling for 2.5KW to 6KW of IT load



C³-S.P.E.A.R. Line

R.A.S.E.R. DX

- 42U of 19" rack space
- Air-cooled enclosure
- All models rated for indoor and outdoor use
- Provides cooling for **12KW to 80KW** of IT load



R.A.S.E.R. DX Line

R.A.S.E.R. HD (new)

- 2N redundant solution with redundant water inputs and multiple hot-swappable fans
- Water-cooled enclosure
- "High temperature" water cooling option due to the extreme efficiency of the enclosure
- Removing chillers can reduce energy costs by 40%



R.A.S.E.R. HD Line

Applications

Applications to think about

- Need for a data center, closet, server room ASAP
- Complete data center ready in 8-10 weeks
- Savings in engineering, architectural and construction costs associated with “brick and mortar” options

Need to grow in 2-5 years

- Shock and isolation absorbers allow you to move your data center fully loaded
- Businesses in leased spaces can take data center with them as these are not building enhancements
- Add and pay-as-you grow model for businesses or co-location companies

Need to engineer an old space

- Such as universities, businesses, government agencies
- Trying to retrofit older buildings to host server equipment (limited by code requirements)

Need for disaster recovery

Such as hospitals, government agencies needing a mobile disaster recovery system

Need to have data center outside

Ex. businesses located in buildings with historical or zoning restrictions, locate data center on roof or outside area

Need for space saving

HD can achieve 1000W/ft² density

Need for security

With HIPPA compliant locking systems, owners may now determine and log who has full access to units

Need for an it closet or server room

Zonit

A Colorado-based company that has been delivering data center solutions since 2001; they offer innovative, practical technologies that solve problems in data centers, network closets and more

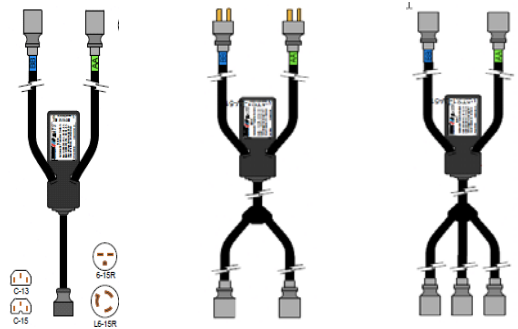


Zonit μ ATS™

MICRO AUTOMATIC TRANSFER SWITCH

The world's smallest, most efficient automatic power transfer switch

- Delivers redundant power to single-power-corded devices including legacy servers and cabinet fans
- Transfers out of phase sources (synchronized sources are not required)
- Facilitates UPS service and hot moves of Data Center equipment
- Only true "one-to-one" ATS solution
- MTBF – 22 years
- Designed for Data Centers, Telecom closets, Telco, Healthcare



Y-CORD μ ATS™

HYDRA-CORD
 μ ATS™

TRIPLE HYDRA-
CORD μ ATS™



How does it work?

- Plugs into the back of servers, routers, etc (takes no rack space)
- The μ ATS monitors the main power source (A)
- If the main power source fails or is of insufficient quality, the μ ATS automatically switches over and draws power from the 2nd power source (B)
- It automatically returns to the primary source (A) when it returns and is stable and of sufficient quality



Benefits

- **Improve uptime** by providing redundant A-B power for single power-corded devices
- **Reduce operating costs**—improve your data center efficiency by 3-15%
- **Improve profitability of data centers** by improving “device density”—takes no rack space
- **Improve operations**—foster fast, easy and safe “hot moves” of equipment
- **Eco-friendly technology**—meet carbon footprint goals/green mandates by using the μ ATS
- **A technically superior ATS**—patented zero u form factor

BayTech

Manufacturer of products that control and monitor computer and network equipment located remotely or in large data center environments, including solutions for rebooting servers, monitoring power and environmental conditions and power distribution



BayTech PDUs: product range & features

	Modular Distributed Power (MDP)	Modular Sensored Power (MSP)	Modular Rack Power (MRP)	Modular Metered Power (MMP)
PRODUCT RANGE				
Single-phase	120VAC, 208VAC, 230VAC	120VAC, 208VAC, 230VAC	120VAC, 208VAC, 230VAC	N/A
Three-phase	208/120VAC 208/400VAC, 400/230VAC	208/120VAC 208/400VAC, 400/230VAC	208/120VAC 208/400VAC, 400/230VAC	208/120VAC 208/400VAC, 400/230VAC
Amp support	Up to 60 Amps	Up to 60 Amps	Up to 60 Amps	Up to 60 Amps
FEATURES				
Outlet metering				✓
Outlet control			✓	✓
Circuit metering		✓	✓	✓
Integrated sensor inputs	✓	✓	✓	✓
Reliable PCB power distribution	✓	✓	✓	✓
Modular design	✓	✓	✓	✓
Outlet metering	✓	✓	✓	✓

BayTech PDU



Field-swappable, power & communication module

Upgrade or change an individual power or communications module rather than the entire strip

Extensive metering & monitoring capabilities

Monitor individual outlets and receive current, watts, and volt amps via SNMP and Web

Aluminum chassis

conducts less heat and is lighter than traditional steel frame PDUs

Printed circuit board construction

improves product reliability

Cord-locking C13 receptacles

with reliable clips ensure power cord retention

Modular design

means fast turnaround time and high product availability from a U.S. factory

Breaker protection

each module has a breaker, not a fuse

Current Transformer

Measure the current at each receptacle

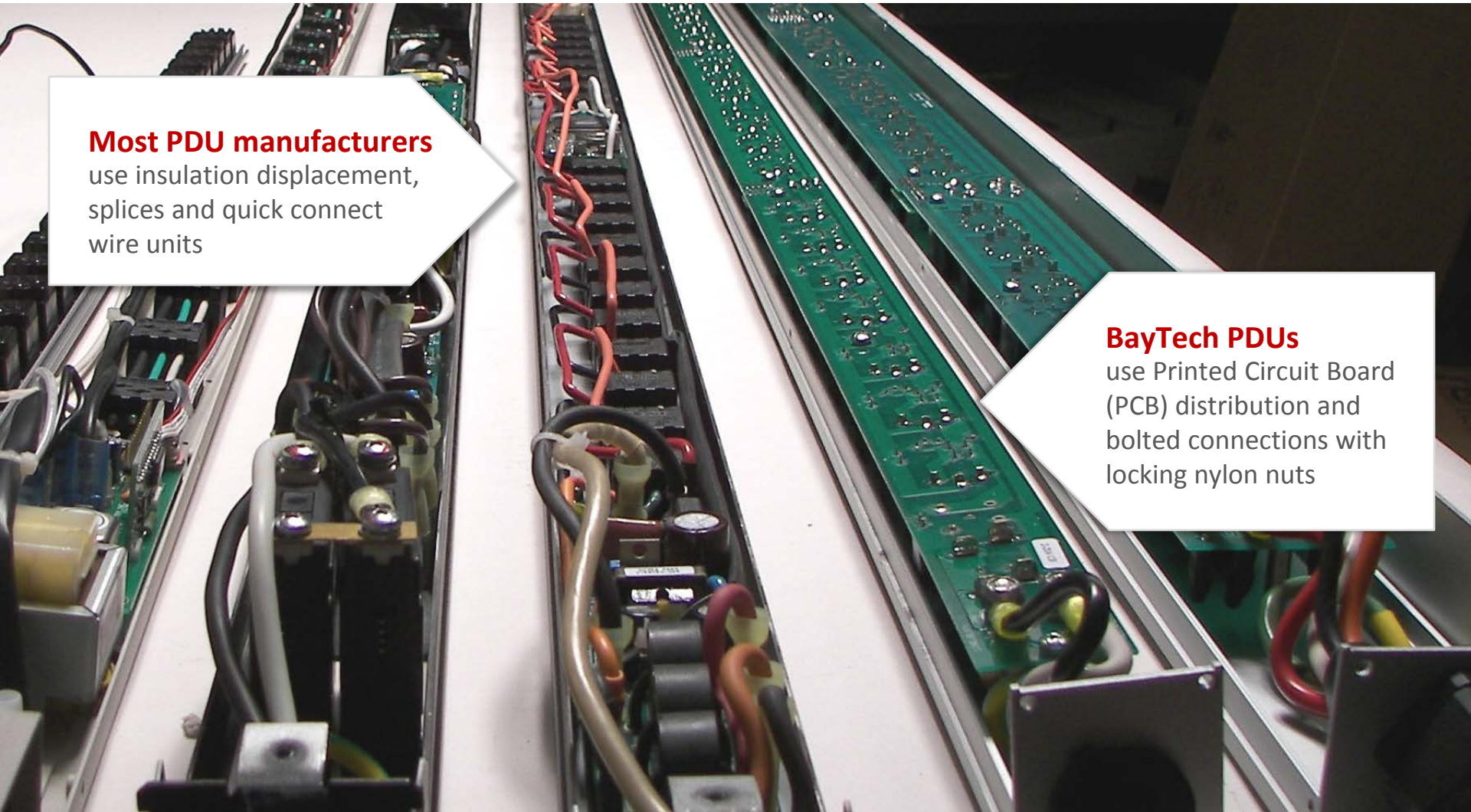
Relay

Switched receptacles



REAR VIEW

What's in your PDU?



Most PDU manufacturers
use insulation displacement,
splices and quick connect
wire units

BayTech PDUs
use Printed Circuit Board
(PCB) distribution and
bolted connections with
locking nylon nuts

BayTech ATS

AUTOMATIC TRANSFER SWITCH / 120V SINGLE-PHASE TO 208V THREE-PHASE

PRODUCT RANGE	
Single-phase	120VAC, 208VAC
Three-phase	208/120V
Amp support	Up to 30 Amps



BayTech ATS provide redundancy to single cord devices.

- Automatically sense power loss and seamlessly switch to alternate input source in 8ms to 15ms
- BayTech technology allows switching from out-of-sync or out-of-phase sources
- **BayTech ATS waits for the zero-crossing to perform the transfer which reduces relay arcing and dramatically improves reliability**
- Break-before-make transfer so sources are never cross connected
- Monitors power: amperage load, true RMS power, volt-amperes, voltage and internal temperature



API Technologies Corporation

- Manufactures power strips, power distribution units and circuit protection systems for both AC and DC power applications
- Rugged power distribution solutions
- Custom design products & capabilities
- One-stop-shop for engineering, design and manufacturing
- Military & combat applications



CUSTOMER SPECIFIC SOLUTIONS



RUGGED MILITARY SOLUTIONS



AC SPECIALTY SOLUTIONS



OceanAire

Air Boss Portable, air-cooled air conditioner

- 12,000–60,000 BTU/H
- 120V model to 18,000 BTU

Polaris Portable, water-cooled air conditioner

- 12,000–60,000 BTU/H
- 120V model to 18,000 BTU



AIR BOSS



POLARIS

OCEANAIRE



DSPM Lighting Inverters

- Available in both online and standby
- Single-phase from 350W to 21kW
- Three-phase from 3kW to 125kW





C&C Power

Wall Mount Maintenance Bypass

- 50A to 800A models
- 208V bypass for UPSs from 10–225kVA
- 480V bypass for UPSs from 30–500kVA

Battery Cabinets

- Matching & non matching UPS battery cabinets
- 10kVA to 750kVA
- All manufacturer of batteries



MAINTENANCE BYPASS



BATTERY CABINET