

# KEEP YOUR CASH PUMPING

## Mac Victor 2.0



[MacVictor.com](http://MacVictor.com)

### Three rules to Keep Your Cash Pumping

1. All income depends directly on your critical electronics
2. All critical electronics depend on clean & continuous power
3. Clean & continuous power depends on the Mac Victor 2.0

**Mac Victor**<sup>®</sup>  
**Expand Your Power**<sup>®</sup>

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# Mac Victor®

## Expand Your Power®

### Mac Victor 2.0 - Patented Power Technology

Plug in power option for critical electronics such as Telephone Systems



MacVictor.com



Hard wired control panels with Isolated Ground (IG)



Point of Sale terminals



Receipt Printers



Custom Order terminals



Food Prep monitors



Computers / Monitors



Network Racks



Security System



Made in U.S.A.



### Centralize Your Power™ for critical electronics

- ✓ Battery Backup
- ✓ Surge Protection
- ✓ Sag Correction
- ✓ Swell Correction
- ✓ Isolated Ground (IG)
- ✓ Electrical Distribution
- ✓ Power Conditioning
- ✓ Frequency Correction

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# KEEP YOUR CASH PUMPING

The Mac Victor 2.0 is an ultra high quality, wall mounted & centralized power system with battery backup for your most critical electronic loads in Restaurant, Convenience Store, Retail, Audio-Visual / Multimedia & Industrial Control Panel applications.

This Patented and U.L. Listed electrical power system:

- o IMPROVES critical electronic system performance
- o INCREASES revenues & operating efficiencies
- o REDUCES maintenance & long term operating costs
- o CONNECTS to Isolated Ground outlets & hard wired panels
- o INTERFACES with plug in "true on-line" Battery Backups



## GREEN TECHNOLOGY:

The Mac Victor 2.0 is very environmentally friendly compared to the hazardous throw away concept of "Point Of Use" power solutions based on the long term life expectancy and serviceability

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## Mac Victor 2.0 - Patented Power Technology

- o PROVIDES clean & continuous mission critical power for the seamless operation of connected electronics
- o PROTECTS the critical electronic hardware from damage and downtime due to power line disturbances
- o CENTRALIZED design eliminates all remote "Point of Use" power solutions and the critical space required
- o PRODUCES ultra high grade power quality & electrical distribution with a Patented & U.L. Listed system
- o ASSURES that all electronics are on the same electrical phase of 120 Vac power to prevent ground loops
- o ALLOWS for single point diagnostics, remote management, and seamless Battery Backup bypass switch
- o HIGH QUALITY components provide long term life expectancy of 15 years (5 years for Battery Backup)
- o SAVES important floor and wall space with a fully integrated and compact wall-mounted design

## SAY NO to "Point Of Use" power solutions for your Critical Electronics!

"Point Of Use" power solutions are typically low cost but they create many other significant issues and problems:

- o Very low grade power quality; typically only "batteries in a box"
- o Environmentally hazardous due to "throw away" capability
- o Difficult to comply with hazardous substance disposal regulations
- o Consumes valuable under counter / desktop space
- o Small, plug in format is subject to theft and restricted airflow
- o Short term life expectancy typically only 2 years
- o Difficult to manage correct deployment of "point of use" devices
- o Difficult to override or shutdown in emergency situations



"Point of Use" power solutions are not manageable!

## SAY NO to "3 Phase Power" for your Critical Electronics: "1 Phase Power" only!



- o 3 Phase Power supplies produce 208 Vac voltage differential between receptacles on separate branch circuits. This 208 Vac voltage differential can set up ground loop currents on data cabling (and problems) due to the ground leakage of the plug-in loads.
- o 1 Phase Power supplies (120 Vac) produce 0 Vac voltage differential between receptacles on separate branch circuits. This zero Vac voltage differential can prevent ground loop currents on data cabling since all plug-in loads are on the same phase of power.
- o The electrical design benefit of facility electrical load balancing provided by 3 Phase Power supplies is not worth the problems
- o 3 Phase Power supplies and electrical distribution are typically more expensive than 1 Phase Power supplies

## BEWARE of the "RED FLAGS" indicating False or Deceptive Power Quality Claims!



- o **Surge Protection Devices (SPD) save money on your electric bill** (This is an old scam that has been fully discredited)
- o **One product size fits all applications** (This shows a lack of knowledge of power quality & electrical distribution concepts)
- o **Vague UL listings, test ratings, and shady testimonial letters** (This indicates low quality products that may not be legitimate)
- o **Your equipment is protected from a direct lightning strike with guarantees** (Nothing can protect from a direct lightning strike)
- o **Large dollar insurance packages for connected electronic equipment** (This type of claim is extremely difficult to collect on)

# Mac Victor®

Expand Your Power®

## Mac Victor 2.0 - Specifications

**Capacity:** 2kVA (2000VA) Straight & Locking blade / 3kVA (3000VA) Locking blade

**Input:**

- 120Vac, 60hz, 1ph - 20A circuit breaker (2kVA)
- 120Vac, 60hz, 1ph - 30A circuit breaker (3kVA)
- Input SPD (Surge Protection Device) replaceable plug-in module type
- Generator Power Compatible provides frequency correction

**Output:**

- 120Vac, 60hz, 1ph - 4 circuit breakers (20A) each with Line and Neutral conductors pre-wired to output terminal strips for hard wiring to remotely located Isolated Ground (IG) receptacles for critical electronics
- Isolated Ground bar and Chassis Ground bar for proper IG & ground wiring
- Output line conditioner includes low impedance isolation transformer, electrical noise filtering, and output SPD (Surge Protection Device)
- Optional 5th circuit breaker (20A) for integrated IG receptacles (4 outlets)

**Operating Characteristics:**

- Overall dimensions - 19"w x 15.75"h x 9.5"d (not including Battery Backup - UPS)
- Weight: 85 lbs. (2kVA) / 105 lbs. (3kVA)
- Temperature: 0 - 30° C (32-86° F)
- Humidity: 0% - 90% (non - condensing)

**Listings / Patents:**

- U.L. 1778 Listed 4th Edition - UPS Maintenance Bypass / Line Conditioner Accessory. U.S. Patent 7,408,271 - Power Interface Box (August 5, 2008)
- The Mac Victor 2.0 is considered a "separately derived system" for the termination of Isolated Ground conductors per the National Electrical Code

**Product Features:**

- Plug & receptacle connectivity to many Uninterruptible Power Supply vendors
- UPS battery bypass switch (normal/bypass) - "Make before Break" type
- Provides clean, isolated power for all loads (even in the UPS bypass switch mode)
- Front Monitoring Display alarms for Input SPD module & Output SPD fuse
- Input & Output pilot lights on front panel for power status diagnostics
- Input & Output power monitoring dry contacts (form C) for remote signaling
- Conduit knockouts (1/2" & 3/4" - concentric) on sides, top, bottom, & back
- Remote switch capability provides output power off for fire emergency compliance

**Options:**

- 5th output circuit breaker (20A) for integrated IG receptacles (4 outlets)
- Remote emergency shutdown of 5th circuit / integrated IG receptacles

### Mac Victor 2.0 - Item Numbers:

Item Number	Description
MVP-2KS	2kVA - Mac Victor 2.0 w/ straight blade UPS connectors (NEMA 5-20P / 5-20R)
MVP-2KL	2kVA - Mac Victor 2.0 w/ locking blade UPS connectors (NEMA L5-20P / L5-20R)
MVP-3KL	3kVA - Mac Victor 2.0 w/ locking blade UPS connectors (NEMA L5-30P / L5-30R)
MVP-3KL-1B	3kVA - Mac Victor 2.0 w/ single, 30A breaker output for wiring to panel board or Control Panel

Optional Item Number Suffix	Description
Add suffix - IG	Optional 5th output circuit breaker and integrated Isolated Ground receptacles (4 outlets total)
Add suffix - ES	Optional Remote power off shutdown relay for the integrated Isolated Ground receptacles.

### Mac Victor 2.0 - Compatible UPS Models:

Manufacturer	2kVA Model #	3kVA Model #
General Electric	GT2000T *	GT3000T **
Liebert / Emerson	GXT2-2000RT120 *	GXT2-3000RT120 **
Eaton Powerware	PW9130-2000 *	PW9130-3000 **
Other models on request		

\* use with MVP-2KS      \*\* use with MVP-3KL

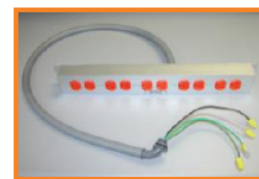


Optional 5th circuit breaker for integrated Isolated Ground (IG) receptacles for powering up adjacently located plug-in type critical electronic loads such as telephone, security, fueling interface and network communication panels. All other circuits (4) are hard wired to remotely located critical electronic loads and / or IG receptacles

### Mac Victor Power Strip accessories

- Factory pre-wired IG receptacle power strips
- Provides space for oversized power supply blocks
- U.L. Listed (PVG) - Multi Outlet Assembly

10 Isolated Ground outlets:  
Item #: MVPS-515-20-ST



4 Isolated Ground outlets:  
Item #: MVPS-515-12



## Mac Victor Power, LLC

[www.MacVictor.com](http://www.MacVictor.com)

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