

## Emergency Lighting Inverters

- **Micro Power Wave:** 200, 300, & 490 W
- **Mini Power Wave:** 500 to 2100 W
- **Power Wave 1:** 1 Phase, 2.1 to 17 KW
- **Power Wave 3:** 3 Phase, 8 to 50 KW
- **Power Wave 4:** 3 Phase, 48 to 400 KW

- UL924, UL924A and UL1778, Listed by CSA
- Advanced, High-Freq. Technology for all type of Incandescent, HID, LED, HPS, Fluorescent
- Sinusoidal Waveform
- Pulse Width Modulated (PWM)
- Continuous Self-Diagnostics
- Double Conversion Technology
- RS232/485 Local port
- Auto Self Testing
- 92% Efficiency
- Microprocessor Controlled
- 90 minute Run Time @ 100% Load
- Global Monitoring System (GMS): Local & Remote (Dial-up, Web/SNMP) plus Event Logging



## Seismic Certified Inverters

- **SVPW1:** 1 Phase, 2.1 to 17 KW
- **SVPW3:** 3 Phase, 8 to 50 KW

- Shaker Table Tested
- Certified to: IBC2015, CBC2016, Test criteria ICC-ES AC156
- Seismic Certified to SDS Level 3.0G
- OSHPD Certified
- CSA Listed to UL1778 and UL924



## UPS (Uninterruptible Power Supply)

UL1778 and UL924A Listed by CSA  
Advanced PWM Tech. for Non-Linear Loads

- **Protector 1:** 1 Phase, 3 to 20 KVA
- **Protector 3:** 3 Phase, 10 to 62.5 KVA
- **FAB (UL1481):** 1 Phase, 3 to 15 KW  
Fire Alarm Back-Up for 24 hrs plus  
1 hr full load "notification" alert.



## Power Conditioners

Single Phase

- **Constant Power 3:** 1 to 3 KVA
- **Constant Power 6:** 3 to 15 KVA

- UL Listed
- Compact, Ready to "Plug & Play"
- Solid State Status Indicators
- Pays for Itself
- 6 Separate Output Circuits
- Regulation/Isolation Bypass Switch
- Cool and Quiet
- Versatile / Flexible / Upgradable



Three Phase

- **CP 18 (Commercial):** 15 to 100 KVA
- **Power Reg (Industrial):** 15 to 2,000 KVA
- **Phase Stabilizer (Medical):** 15 to 1,250 KVA

- UL Listed
- Optional High Isolation Transformer w/ Harmonic Tolerance (up to K-50)
- High Efficiency (>96%)
- Single Point Grounding
- Zero Current Tap Switching
- Excellent Voltage Regulation
- Multi-Shielded, Copper Winding Computer Grade Transformer
- Regulation/Isolation Only Switch
- Phase Stabilizer;  
+8% to -10% Input, ±1.5% Output
- CP18 or Power Reg;  
+10% to -26% Input, ±3% Output



## Power Distribution Units

Three Phase

- **Power Pal (Isolation):** 15 to 300 KVA
- **Power Pac (Regulation):** 15 to 150 KVA
- **Power Island:** Remote Distribution Panel

- UL Listed
- High Isolation
- High Efficiency
- Overload Protection
- Designed for Harmonic Loads
- Tiered output Conduit Landing
- System Monitoring
- Tight Output Voltage Regulation (±3%) (Power Pac).
- Power Island with 1 or 2 panelboards and optional monitoring for remote distribution.
- K-Factor up to K50 Available
- Zig-Zag Configuration for mitigating harmonic available



## Isolation Transformers

Three Phase

- **Iso-Care:** 15 to 1,000 KVA
- **Iso-Care Plus:** 15 to 1,000 KVA
- **Iso-Care Harmonic Plus:** 15 to 1,000 KVA

- UL Listed
- NEMA 1 Indoor Cabinet
- 3 Phase Multi-Shielded, Computer Grade Isolation Transformer
- Adjustable Input Taps
- Single Point Ground
- Temperature Sensor
- Low Output Impedance
- Clean Noise-Free Power
- Common-Mode Noise Attenuation -120 dB
- Normal-Mode Noise Attenuation -20 dB/decade
- Harmonic Plus uses a Zig-Zag transformer to mitigate 3rd, 5th, 7th, 9th harmonic currents



## ■ Harsh Environment Unit (HE Model) 2.1 to 17 KW On-Line Inverter (NEMA 3R)

- UL924, 1778 and CAN/CSA C22.2 No 107.3-05
- Operation Temperature from -40°C to 58°C
- Uninterrupted, ±0.3% Voltage regulated, continuous sinewave out for use with "normally on" lighting fixtures and exit lamps
- Provide power conditioning and transient filtering
- RS232 and RS485 ports
- Pre-wired for GMS



## ■ Harsh Environment Unit (LU Model) 100 to 1600 W (NEMA 4)

- UL 1778 and CAN/CSA C22.2 No 107.1-95
- Operation Temperature from -40°C to 58°C
- Uninterrupted, ±0.5% Voltage regulated, continuous sinewave out for use with "normally on" lighting fixtures and exit lamps
- Shock & Vibration Certified
- Tested & Certified to Bellcore (GR-63, GR-487, GR-1089-CORE, TR-332)



## ■ Signal Saver (BBS MD) Battery Backup for Traffic Signal Heads

- Hot Swappable
- Rack/Shelf Mount
- CALTRANS Certified
- Min. 2 hrs @ full load of 2000VA
- Stand Alone Unit Available
- Also Available with Side Attachable Cabinet (houses UPS and Batteries)



OnLine Power offers an extensive line of Power Protection, Power Quality and Lighting Inverters in addition to; Power Conditioning, Power Distribution, Isolation Transformers, Voltage Regulation, Battery Back-Up, and Fire Alarm Back-Up.

OnLine Power is a Privately Held Company and has been manufacturing Power Solution Products for over 40 years.

### Product Selection Guide

|                          | 1 Phase or 3 Phase | Isolation | Regulation | Battery Back-up | Input Circuit Breaker | Monitor | Global Monitoring Systems | Battery Advisor | Dry Contacts | RS232 & RS485 (Provision) | Output Distribution | TVSS | Brownout Protection | Blackout Protection | Harmonic Mitigation | Outdoor Application | Medical Grade | Power Factor Correction | Fast Transfer (Green Mode) | Seismic Certified |
|--------------------------|--------------------|-----------|------------|-----------------|-----------------------|---------|---------------------------|-----------------|--------------|---------------------------|---------------------|------|---------------------|---------------------|---------------------|---------------------|---------------|-------------------------|----------------------------|-------------------|
| Micro Power Wave         | 1                  | ■         | ■          | ■               | ■                     | ■       | ■                         | ■               | ■            | ■                         | ■                   | ■    | ■                   | ■                   | ■                   | ■                   | ■             | ■                       | ■                          | ■                 |
| Mini Power Wave          | 1                  | ■         | ■          | ■               | ■                     | ■       | ■                         | ■               | ■            | ■                         | ■                   | ■    | ■                   | ■                   | ■                   | ■                   | ■             | ■                       | ■                          | ■                 |
| Power Wave 1             | 1                  | ■         | ■          | ■               | ■                     | ■       | ■                         | ■               | ■            | ■                         | ■                   | ■    | ■                   | ■                   | ■                   | ■                   | ■             | ■                       | ■                          | ■                 |
| SV Power Wave 1          | 1                  | ■         | ■          | ■               | ■                     | ■       | ■                         | ■               | ■            | ■                         | ■                   | ■    | ■                   | ■                   | ■                   | ■                   | ■             | ■                       | ■                          | ■                 |
| Power Wave 3             | 3                  | ■         | ■          | ■               | ■                     | ■       | ■                         | ■               | ■            | ■                         | ■                   | ■    | ■                   | ■                   | ■                   | ■                   | ■             | ■                       | ■                          | ■                 |
| SV Power Wave 3          | 3                  | ■         | ■          | ■               | ■                     | ■       | ■                         | ■               | ■            | ■                         | ■                   | ■    | ■                   | ■                   | ■                   | ■                   | ■             | ■                       | ■                          | ■                 |
| Power Wave 4             | 3                  | ■         | ■          | ■               | ■                     | ■       | ■                         | ■               | ■            | ■                         | ■                   | ■    | ■                   | ■                   | ■                   | ■                   | ■             | ■                       | ■                          | ■                 |
| Protector 1              | 1                  | ■         | ■          | ■               | ■                     | ■       | ■                         | ■               | ■            | ■                         | ■                   | ■    | ■                   | ■                   | ■                   | ■                   | ■             | ■                       | ■                          | ■                 |
| Protector 3              | 3                  | ■         | ■          | ■               | ■                     | ■       | ■                         | ■               | ■            | ■                         | ■                   | ■    | ■                   | ■                   | ■                   | ■                   | ■             | ■                       | ■                          | ■                 |
| Outdoor BBS (LU Model)   | 1                  | ■         | ■          | ■               | ■                     | ■       | ■                         | ■               | ■            | ■                         | ■                   | ■    | ■                   | ■                   | ■                   | ■                   | ■             | ■                       | ■                          | ■                 |
| Outdoor BBS (HE Model)   | 1                  | ■         | ■          | ■               | ■                     | ■       | ■                         | ■               | ■            | ■                         | ■                   | ■    | ■                   | ■                   | ■                   | ■                   | ■             | ■                       | ■                          | ■                 |
| Outdoor BBS (BBSMD)      | 1                  | ■         | ■          | ■               | ■                     | ■       | ■                         | ■               | ■            | ■                         | ■                   | ■    | ■                   | ■                   | ■                   | ■                   | ■             | ■                       | ■                          | ■                 |
| Fire Alarm Backup        | 1                  | ■         | ■          | ■               | ■                     | ■       | ■                         | ■               | ■            | ■                         | ■                   | ■    | ■                   | ■                   | ■                   | ■                   | ■             | ■                       | ■                          | ■                 |
| Signal Saver             | 1                  | ■         | ■          | ■               | ■                     | ■       | ■                         | ■               | ■            | ■                         | ■                   | ■    | ■                   | ■                   | ■                   | ■                   | ■             | ■                       | ■                          | ■                 |
| Constant Power 3 & 6     | 1                  | ■         | ■          | ■               | ■                     | ■       | ■                         | ■               | ■            | ■                         | ■                   | ■    | ■                   | ■                   | ■                   | ■                   | ■             | ■                       | ■                          | ■                 |
| Constant Power 18        | 3                  | ■         | ■          | ■               | ■                     | ■       | ■                         | ■               | ■            | ■                         | ■                   | ■    | ■                   | ■                   | ■                   | ■                   | ■             | ■                       | ■                          | ■                 |
| Phase Stabilizer         | 3                  | ■         | ■          | ■               | ■                     | ■       | ■                         | ■               | ■            | ■                         | ■                   | ■    | ■                   | ■                   | ■                   | ■                   | ■             | ■                       | ■                          | ■                 |
| Power-Reg & Ultra-Reg    | 3                  | ■         | ■          | ■               | ■                     | ■       | ■                         | ■               | ■            | ■                         | ■                   | ■    | ■                   | ■                   | ■                   | ■                   | ■             | ■                       | ■                          | ■                 |
| Power Pac                | 3                  | ■         | ■          | ■               | ■                     | ■       | ■                         | ■               | ■            | ■                         | ■                   | ■    | ■                   | ■                   | ■                   | ■                   | ■             | ■                       | ■                          | ■                 |
| Power Pal                | 3                  | ■         | ■          | ■               | ■                     | ■       | ■                         | ■               | ■            | ■                         | ■                   | ■    | ■                   | ■                   | ■                   | ■                   | ■             | ■                       | ■                          | ■                 |
| Power Island             | 3                  | ■         | ■          | ■               | ■                     | ■       | ■                         | ■               | ■            | ■                         | ■                   | ■    | ■                   | ■                   | ■                   | ■                   | ■             | ■                       | ■                          | ■                 |
| Iso-Care & Iso-Care Plus | 3                  | ■         | ■          | ■               | ■                     | ■       | ■                         | ■               | ■            | ■                         | ■                   | ■    | ■                   | ■                   | ■                   | ■                   | ■             | ■                       | ■                          | ■                 |
| Iso-Care Harmonic Plus   | 3                  | ■         | ■          | ■               | ■                     | ■       | ■                         | ■               | ■            | ■                         | ■                   | ■    | ■                   | ■                   | ■                   | ■                   | ■             | ■                       | ■                          | ■                 |



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Power Protection  
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