

Baldwin Technologies, Inc.

ENVIRONMENTAL SUPPORT PRODUCTS FOR CRITICAL LOADS

1. Mitsubishi Electric Automation, Inc. #GS-07F-9526G

- **UPS**-Static- Double Conversion: **1** kVA single phase through **750** kVA three phase, parallelable.
- **IGBT** Technology –Rectifier AND Inverter =High performance and efficiency=
- LOW INPUT Harmonics---HIGH Input Power Factor = permits 1:1 Genset to UPS sizing.
- 100% Step load capability w/o battery=extended battery life and excellent generator compatibility.
- Rack mounted Single phase –1500 to3000VA; Hot swappable batteries.

2. Satcon Starsine Products #GS-07F-0718N

- Rotary Diesel No Break UPS **315**kVA to **2200** kVA
- Rotary battery for DC Battery replacement
- Frequency Converters- 5-1000kVA, 60-400 Hz; 60-50 Hz; Programmable or Fixed Frequency
- High Power Inverters for **Alternative Energy** Sources (Inverpower)
- Medium Voltage Regulators; Medium Voltage Static Switches

3. Pentadyne Power Corp

- Voltage support solutions for UPS and ASD
- Unique flywheel design provides “rotating battery” for battery system augmentation
- **120** kW modules provide reliable redundant DC power source—reduces “hits” on battery=longer life

4. Mirus International, Inc.

- Harmonic Mitigation solutions, utilizing highly efficient passive methods to meet IEEE 519.
- Multiple output phase shifting transformers-HARMONY 2, 3, cancel harmonics=reduced energy costs
- HARMONY 1E series to replace **K**-rated transformers=energy savings=lower energy
- Neutral Current Eliminators; NCE, and CNCE, reduce harmonic distortion and neutral current in high- tech facilities, caused by non-linear loads from telecommunications, broadcast and computer sources
- 5-7; 5-13; and 11-13 Harmonics Eliminator=Creation of quasi 12, 18, pulse systems for **VFD's**
- Harmonic mitigating Power Centers and Panelboards—ONICS **HMPC** and **HMRP**
- **VFD** Solutions=LINEATOR UHF =Reduced harmonics; LINEATOR 1Q3 single to 3 phase converter
- ULLTRA--Low loss transformer for “Green and High Performance Energy” Bldgs=lower energy costs

5. Clean Fuel Management, Inc. #GSA#GS-07F-0632N

- Complete program to rid microbial sludge and address all aspects of maintaining high fuel quality for peak performance/reliability---meeting NEW NFPA 110 requirements. Tank sizes 500-40,000 gallons

6. Universal Electric Corporation "Starline Busway Track" #GS-07F-0718N

- Providing a UL Listed Solution for Quick Installation of Critical Power Receptacles
- 100 Amp Feeds with 200 Amp Neutral; also 40, 60 and 225 Amp 3P4W
- 48 Hour Delivery of 5, 10, 15 and 20 Foot Sections; R & S, Hubbell and NEMA Receptacles in Stock
- Busway current monitoring systems, and neutral current eliminators

7. Octave Technology

- Enterprise Asset Management System, utilizing CONTACT MEMORY “O-TAGS”
- Allows for schematics, nameplate info, and maintenance history placed directly on assets

8. Baldwin Technologies (GSA Contract)#GS-07F=0718N

- Installation and Engineering Services; Generators; Automatic Transfer Switches

9. Baldwin Technologies #GS-07F-0718N

- DC Power Distribution Systems—With non battery ridethrough capability
- Rack mounted blade server Cooling Systems—up to 10,000Watt heat loads each 2 cabinet enclosure
- Power Management Solutions for networks; remote control of power strips; Global power software
- Fiber Optic Cable Solutions for Data Centers; Security; Intra and Inter-Building Applications
- Value-Added Design, Manufacturing, Engineering and In-House Installation
- Exclusive Fiber Optic Ribbon Cabling

INSTRUMENTATION

1. Dranetz-BMI #GS-24F-1129B

- Power Quality Monitoring, Portable and Fixed. System Monitoring, High speed
- Energy and Harmonic monitoring- single instrument
- Portable **PX5** Series for **400Hz, 50/60Hz**
- **Signature System** -Advanced Power Management for Facility Wide/Remote Geographical Locations

2. Enetics

- Power Quality/Power Consumption Recorders—Portable and Fixed Site
- LAN Based Power Quality/Power Consumption Recorders with LAN/Internet Access
- Residential Power Quality/Power Consumption Recorders with SPEED Technology.
- Event Notification, with software driven Relay outputs.
- Remote wireless communications for above

3. Astrosense Corp #GS-07F-0718N

- Remote wireless [cellular or satellite] communications for pump/electrical monitoring/control-
- SCADA Communication Modules
- Ruggedized pressure transducers; pump controllers for water treatment applications
- Industrial pressure transducers

4. American Reliance #GS-35F-0640M

- Programmable DC Sources; DC Power supplies for testing
- Electronic Loads; Air cooled and Water cooled

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6. Baldwin Technologies GSA CONTRACT #GS-07F-0718N

- Infra-Red Camera Technology for heat sensing/imaging—Electrical and other applications
- Other special instrumentation

ALSO AVAILABLE ON BALDWIN TECHNOLOGIES, INC GSA SCHEDULE GS-07F-0718N

1. Katolight Corporation

- Diesel Generator sets from 15kW to 2000kW, 50 hz or 60hz, available in single and three phase.

2. ASCO Power Technologies

- Automatic Transfer Switches available from 30 amp to 3000 amp in various voltages.