

# CUSTOM POWER

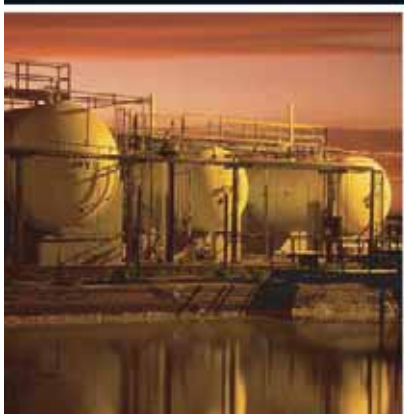
*Engineered Power Quality Systems.*



At **CUSTOM POWER** we are dedicated to the engineering and manufacturing of Electrical Power Quality Systems. From the simplest BCF1 / 6 Amps Battery Charger to the most sophisticated high power output Series IV UPS, we are proud to provide our customer with full in-house engineering and manufacturing capabilities in order to completely customize our products and systems to their particular requirements. Since 1968 **CUSTOM POWER** has been providing reliable and dependable products to the Oil and Gas, Petrochemical, Chemical, Utility, and Heavy Industry markets.

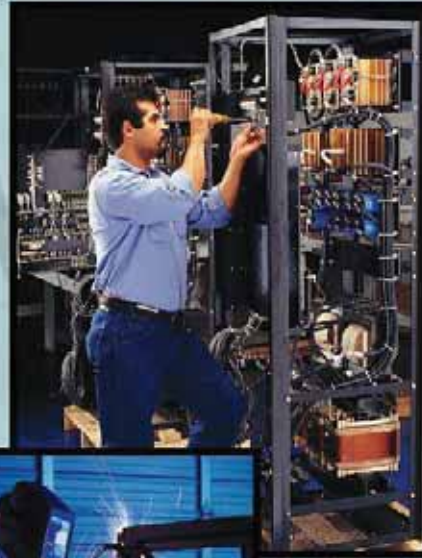


As part of our commitment to quality, our engineering and manufacturing process is in line with ISO 9000:2000. In addition to that, **CUSTOM POWER** has ABS, DNV and UL certifications available for our Battery Chargers and UPS systems.



**CUSTOM POWER's main manufacturing facility is located in Houston, Texas. The operation is run in a 30,000 sqf. building, with 45 employees dedicated to the design, engineering, manufacturing and service of our complete product line.**

The manufacturing cycle includes the production of our own PC boards, transformers, metal structures, power bridges, battery racks, wiring and testing.



This vertically integrated structure provides CUSTOM POWER with the flexibility to deliver our products and systems faster than the average in the industry.





## PRODUCT SUMMARY

Ferroresonant or PWM for Industrial Applications to Project Specs  
 1Ph and 3Ph, 250VA through 125KVA, 50 or 60HZ  
 All Input and Output Voltages Available  
 Single On-Line and Redundant Configurations  
 Combination AC & DC Loads  
 Higher Ratings Available Upon Request

**Uninterruptible Power  
Supplies (UPS)  
DC/AC Inverters**

Single and Three Phase Input Voltage as Required  
 Frequency: 50 or 60 HZ  
 Voltages: 6 VDC through 360 VDC  
 Current: 3 Amps through 3000 Amps  
 Types: SCR, Low Harmonic Multi-Phase Version Available,  
 Microprocessor Controlled, Transistor Regulated and Ferro-limited

**Chargers  
Rectifiers  
Power Supplies**

Voltage: 120VAC - 600VAC  
 Frequency: 50 or 60HZ  
 Current: 10 Amps – 3000 Amps  
 Make Before Break or Break Before Make

**Static Transfer Switches  
Manual Bypass Switches**

Flooded and Sealed Maintenance Free Lead Acids,  
 Gelled Electrolyte, Nickel Cadmium,  
 Stackable and Individual Jars  
 Custom Racks & Enclosures, Different Earthquake Zones  
 and NEMA Types Available

**Stationary Batteries  
Racks  
Enclosures**

Ferroresonant and Shielded Transformers  
 Surge Suppression, Filters, Current Harmonics Elimination

**Power Conditioning**

Custom Distribution Panels, 1Ph and 3Ph AC, DC Breakers,  
 Fuses, Auto Load Shedding, Local/Remote

**Power Distribution**

Magnetic/Resistive Power Devices to Limit DC Fault Current  
 Potential to Allow DC Bus Protection within Breaker KAIC

**DC Fault Current Limiting**

Power, Control, Conditioning, Specialty Transformers  
 Designed and Manufactured as Specified

**Custom Transformers  
Magnetics**

Three Phase Magnetic Phase Shifting, Isolating / Non-isolating  
 for Multiple Switching Loads on Common AC Bus

**Harmonic Elimination  
Phase Shifters**

## Recent Project Reference List

CUSTOMER	PROJECT/LOCATION	VALUE RANGE BETWEEN \$50K AND \$5.1M
AGIP Oil Equador	Perenco	20KVA Ferro UPS's, Battery Chargers and Batteries
BP/ Daewoo	Thunderhorse (Hull)	Battery Chargers and Batteries
BP/Daewoo	Atlantis (Hull)	100KVA PWM UPS's, 50KVA PWM UPS's, Battery Chargers and Batteries
BP/Mustang	Thunderhorse Top Side	40KVA through 15KVA Ferro UPS's, Battery Chargers and Batteries
BP/Mustang	Atlantis Top Side	45KVA through 15KVA Ferro UPS's, Battery Chargers and Batteries
BP/Mustang	Holstein	30KVA, 15KVA Ferro UPS's, Battery Chargers and Batteries
BP/Mustang	Mad Dog	30KVA, 15KVA Ferro UPS's, Battery Chargers and Batteries
Brazos Eletric. Co-op	Several Supplies	Battery Chargers and Batteries
Calpine	Sim Gideon Power Plant	45KVA Ferro UPS, and Battery Chargers
Chehalis Power Plant	Parsons/Chehalis	20KVA Ferro UPS, Battery Chargers and Batteries
City of Vernon	Vernon Substation	10KVA Ferro UPS's, 7.5KVA Ferro UPS, Battery Chargers
Fluor / c/o JEA	Florida Power	10KVA UPS's, 15KVA UPS, and Battery Banks
Gemma Power	Hines Energy Facility	25KVA Ferro UPS, Battery Chargers and Battery Banks
International Paper	DCS Upgrade	30KVA Ferro UPS and Batteries
Kerr McGee	Constitution	Battery Chargers and Batteries
Kerr McGee	Red Hawk	Battery Chargers and Batteries
LCRA	Buchanan Dam, TX	10KVA Ferro UPS, 5KVA Ferro UPS, and Battery Chargers
Manta Ray Gathering Company LLC	EL Paso/Cameron Hwy Oil Pipeline Co.	15KVA through 4KVA PWM UPS's, Battery Chargers and Batteries
Nepco/ SNC Lavaline	Green County Energy	Battery Chargers and Batteries
Oncor/ TXU	Several Supplies	Battery Chargers and Batteries
Powell Electric	Several Supplies	50KVA through 1KVA Ferro UPS's, Battery Chargers and Batteries
Seimens Westinghouse	Several Projects from 1998 to 2004	45KVA through 7KVA Ferro UPS's, Battery Chargers, Batteries and Battery Racks
Technip-Coflexip/ Powell	BHPAngostura	40KVA Ferro UPS's, Battery Chargers and Batteries
Telsa Power	Whiting Cogeneration Facility	45KVA UPS, and Battery Chargers