



# ELECTRICAL POWER PRODUCTS, INC.

Manufacturers Representative



**HOWARD™**

**(INDUSRIAL CONSTRUCTION) Transformers:** *MediumPower 10-40 MVA, 161 kV & Below), Small Power (225-10,000 kVA, 46 kV & Below), 3-Ph. Pad-Mount (45-10,000 kVA, 34.5 kV & Below), 1-Ph. Pad-Mount (5-500 kVA, 34.5 kV & Below), 1 & 3-Ph. Overhead, Submersible; Voltage Regulators (50-1665 Amps, 50-833 kVA, 2.5-19.92 kV); Junction Enclosures; Sectionalizing Equipment.* [www.howard-ind.com](http://www.howard-ind.com)



**PACIFIC CREST**  
TRANSFORMERS

**ALL MARKETS) Pad mount style (75kva-10,000kva, Primary 5kv -52kv live/dead front, Secondary up to 34.5kv) Secondary Unit Substation & Station Type Transformers: Oil Immersed (75kva – 15,000kva, Primary 5kv – 46kv, Secondary up to 34.5kv) Power Transformers (5,000kva – 30MVA base rated, 50MVA top rated, Primary 5kv – 138kv, Secondary up to 69kv, 550kvBIL)**

*(Located in Medford, OR; formerly Areva/GEC Alstom/Balteau/Standard Trans.)*

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



**ALL MARKETS) Battery Chargers (Utility, Marine, Stand-by Generation, Mining, Railroad, Aviation) Rectifiers, Battery Eliminators, Power Boards, Power Supplies, DC-DC Converters, DC Breaker Panels, DC Distribution Panels.**

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



**(ALL MARKETS) ARTECHE USA is a North American manufacturer of medium voltage (up to 69kV) instrument transformers. ARTECHE Medium Voltage Outdoor Instrument Transformers are oil free, manufactured with vacuum casting or with automatic pressure gelation (APG) for high dielectric strength. Excellent frequency response, allows the ARTECHE product to be successfully applied in power quality monitoring and harmonics measurement.**

[www.arteche.com/en/unitusa](http://www.arteche.com/en/unitusa)



**(INDUSRIAL CONSTRUCTION)** Power-Grid Solutions (formally Shallbetter) designs, engineers and manufactures low- and medium-voltage power quality, power generation and power transmissions and distribution equipment.

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

- Pad mounted Phase Isolation Fuse Gear & Sectionalizing Equipment
- Cable Terminating/Splicing Equipment (Low-voltage)
- Capacitor Banks (Metal Enclosed)
- Enclosures
- Flex Station
- Primary Metering Gear (Pad mounted)
- Switchgear (Metal Enclosed, Metal Clad, Hybrid, Paralleling)
- Switchgear (Pad mounted)
- Arc Flash Management
- Corporate Brochure



**(ALL MARKETS)**

Equipment Description	Voltage Class	Current	Short Circuit Withstand	BIL	Standard	Notes
<b>Arc Resistant Switchgear</b>	5kV through 38kV	1200A, 2000A, 3000A, 3500A, 4000A	25, 40, 50 or 60kA (Depending on Voltage)	60KV, 95KV, 110KV	IEEE/ANSI C37.20.7	Manufactured to meet Type 2B or 2C
<b>Metal Clad Switchgear</b>	2.4kV through 38kV	1200A through 3000A	20KA through 40KA	Up to 200KV BIL	IEEE/ANSI C37.20.2	
<b>Electric Utility Grade/Arc Furnace Switchgear</b>	Up to 34.5KV	3500A, 4000A, 5000A	Up to 40KA	Up to 200KV BIL	IEEE/ANSI C37.20.2	Designed for high number of operations (i.e. - 25,000 operations)
<b>Generator Switchgear with C37.013 Circuit Breakers</b>	15KV, 17.5KV	up to 6000A	Up to 63KA	95KV, 110KV	IEEE/ANSI C37.20.2, C37.013	
<b>Dog House/ Trackside Breakers</b>	12KV, 24KV, 46KV	1200A, 2000A	Up to 50KA (Depending on Voltage)	125KV, 150KV, 200KV, 250KV	IEEE/ANSI C37.20.2	25HZ, 50HZ, 60HZ
<b>Transit 1 and 2 pole Catenary Switchgear</b>	12KV, 24KV,	1200A, 2000A, 2500A	25KA, 40KA	150KV, 200KV	IEEE/ANSI C37.20.2, IEEE/ANSI C37.20.7	25HZ, 50HZ, 60HZ, Available Arc Res

<http://www.pacsswitchgearllc.com/>



**(ALL MARKETS)** Custom designed products or systems (packaged substations, distribution centers, switchgear & relay/control panels). Whether available space, adverse environmental conditions, the blending of new and used components, or an entirely new state-of-the-art system is required can meet your needs.

<http://www.smcelectrical.com/>



***ALL MARKETS** Potential Equipment Transformers (PET), Capacitor Blocking Units, Constant Current Regulators and Capaciformers (PET with a coupling capacitor across the H1 and X1) [www.specialtytransformers.com](http://www.specialtytransformers.com)*



***(ALL MARKETS)** A Wide Variety of Products Designed to Indicate or Locate Faults on Electrical Utilities Overhead or Underground Distribution Circuits. [www.edconfci.com](http://www.edconfci.com)*