



Product Overview

Piller GPU Solution

Since its formation by Anton Piller in 1909, the company Piller has been synonymous with electrical machines of the highest quality and reliability. Piller produces high performance power protection systems as well as converters and provides its customers with a complete line of Rotary and Static (Solid State) GPU Frequency Converters as well as Distribution Panels, Gate-Boxes and accessory equipment such as cable hoists and retrievers. Many varieties and configurations of special problem solving systems are also available, to ensure clients get the best technical solution and equipment for their particular application. Piller is dedicated to client satisfaction by providing total support during the design stage, installation and especially after commissioning. Piller has a team of many trained technicians strategically located around the world to support its many products.

Features

Piller GPU (Ground Power Unit) support equipment is designed to install worldwide and built to provide the highest quality of green power sources on aircraft or maintenance hangars as follows:

- Microprocessor control with voltage regulation and current limiting.
- Compact low noise construction.
- Low output distortion factor.
- Load dependent, phase-to-phase automatic compensation of voltage losses due to long cables using the unique I-Boost® system.
- Short circuit and overload protection.
- User friendly mimic diagram with liquid crystal display.
- Event recorder for 1200 events + memory.
- Ground power equipment standard with E&F, 42V safety relay.
- EMI/RFI filtering standard on all units.
- Low harmonic distortion to utility power <5%.
- Interface for remote control and centralized monitoring option.





The efficient day-to-day operation of a modern airport relies upon the continuous availability of quality power. Whether it is 400Hz or 28 VDC for aircraft or 50Hz uninterruptible power for runway lighting, terminals and air navigation aid, nothing protects quite like Piller.



APOJET Solid State (AJS)

- 40 to 200kVA
- High Efficiency
- Full active power capability
- Low output distortion factor
- Parallel operation capability
- Application: Indoor / Outdoor / Mobil / Stationary



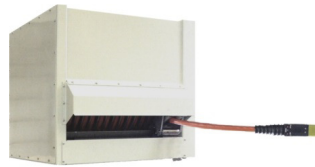
APOJET Rotary (AJR)

- 20 to 150kVA (50/400Hz)
- MTBF 1,000,000 hours
- High overload capability
- Best reliability
- No mains disturbance
- Parallel operation capability
- Application: Indoor or outdoor



APOCONV 400Hz

- 5 and 10 kVA
- Applicable for avionics workshop
- Small compact and moveable



APOCOIL

- Up to 28 m cable storage
- Remote control operated
- No wear – no tear



APOJET (AJT), Line Voltage Regulator

- 90 to 150kVA
- Maximum power
- Best efficiency
- Load powerfactor independent compensation
- Galvanic isolation



Motor Generator Converter Set

- 180 to 380 kVA
- MTBF 1,000,000 hours
- High overload capability
- Best reliability
- No mains disturbance
- Low output distortion factor
- Parallel operation capability
- Application: Indoor or outdoor



Gate boxes and distribution panels

- Customized solutions
- Integrated system
- Tailored to meet your needs

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