



Background

Lincoln Electric has been in business building electric motors, generators and portable engine powered generators since 1895. Today, Lincoln Electric is a fortune 400 company listed on NASDAQ and is the largest manufacturer of welding equipment in the world. They know how to build power generators and make them last. Lincoln's portable welding generators are known the world over for their power quality, longevity and indestructible ruggedness. There are still many of Lincoln Electric's engine generators from the 1950's in operation today. The demands of welding and aircraft are similar, they both require extremely good quality power output. Lincoln has over 100,000 diesel powered generators in operation in the world today.

AMPJET GPU's were born out of an analysis of our strengths and the similarity of the power requirements of the welding and aircraft industry. In 2015 Lincoln partnering with a local company that understood Ground Power Units and airport users; they combined their strengths to create with the AMPJET GPU line of aircraft power supply. Using well known, quality, off the shelf components and Lincoln's own engineering knowledge of making durable, well performing products, AMPJET GPU's were born.

Track Record

In Nov 2015 AMPJET was created. Since then, AMPJET has 72 machines in service and the customer list includes the following and continues to grow.

- **Air Canada Airline, 7th largest in North America, 2018**
- **WestJet Airline, 11th largest in North America, 2017**
- Delta FM Service Company, 2018
- United Ramp Service Company, 2018
- FBO Million Air, Warmest application Yuma, AZ. +48.9°C , 2016
- MNR Ontario, Support Water Bomber Fleet, 2015
- **Air Inuit Airline, 2018**
- FBO SkyService, 2017
- Iqaluit Airport (61°N Latitude). Coldest application site -40°C/F, 2015
- Executive Aviation Service Company, 2018
- Indonesian Law Enforcement Agency, 2018
- Handiquip, Parts Supplier, 2017 Sells our GPU output cables



Pictured above is AMPJET's first 90kVA unit in operations since 2015. Helping stranded 777 Swiss Air flight which made an emergency landing due to engine failure. Passengers were stranded on board for 16 hours powered only but our 90kVA GPU. Outdoor Temperature -31°C.

Air Canada took delivery of their first GPU in the first half of 2018, after that purchasing several more GPU's before years end. Air Canada was so impressed with the AMPJET GPU offering that in January 2019, they told AMPJET that we are now their primary supplier of GPU's. Similarly, all of AMPJETS customers have said that they are very happy with their purchase and would be happy to be a reference.



Actions speak louder than words, AMPJET's customers have repurchased GPU's which says that AMPJET is doing something right. AMPJET machines are built in the Lincoln factory in Toronto which is ISO9001, 14001 and 50001 certified. AMPJET standard offering provides a Deutz engine TCD 2013 for Tier 3 applications and Perkins 1204F for Tier 4 Final applications - AMPJET can customize to customers wishes. Deutz engines are assembled in Germany and Perkins engines come from Britian. Generator is Mecc Alte built in Italy and the engine/ generator controller is ComAP designed and build in Czechoslovakia. Fire Suppression Systems offered are European and North American Made.





GROUND POWER UNITS AND ACCESSORIES

AMPJET GROUND POWER UNITS FEATURE:

- Precise Digital Synergic Power Controller
- Best Ground Power Unit Warranty – 2 Years or 3000 Hours
- Heavy Duty Chassis
- Easy to Maneuver 5th Wheel Steering
- Optional 28v DC Power Transformer Rectifier (TR)
- Easy Access Enclosure
- Intuitive Digital Controller
- Full Digital Instrumentation

The AMPJET 90

- 90 kVA 200 Volt Power Output 400 Hz Continuous
 - Italian made Mecc Alte Generator
- Overload Capable of 125% for 5 Minutes, 150% for 1 Minute
- Diesel Engines
 - Tier 3 Deutz 104kw 2013 TCD
 - Tier 4 Perkins 174 Hp 1204F Series IVF Twin Turbo Intercooled
- Full Instrumentation Control Panel (see 7 vital performance gauges at once)
- Extended Run Fuel Tank 8+hrs@full load.



Options:

- Battery Power Switch
- Upper Corner Bumpers
- Auto Off (Sleep) Mode
- Power Cable Connected Warning Strobe
- Digital Gateway (Telematics)
- Internal Fire Suppression System
- 115V/15A Auxillary Power
- Fire Extinguishers Mounted.



AMPJET™ marks the next generation of ground power units, setting a whole new industry standard in design, power and ease of use. Here's how.

Smarter Ground Power Units

AMPJET isn't just built better, with attention to detail and quality—it's built smarter. As it communicates with you, its components are communicating with each other, constantly optimizing and adjusting, setting a whole new standard in performance.

AMPJET Ground Power Units are Easy.

- State-of-the-art synergic engine generator controller does everything so you don't have too.
- Intuitive alarm indicators (no codes)
- Easy access enclosures make preventive maintenance easy.
- Remote monitoring (optional) Alerts when there is an issue.
- Location tracking (optional) makes finding your GPU at a busy airport easy.
- At-a-glance system instrumentation. (see 7 vital performance gauges at once)
- Easy 2 step start
- Easy 1 step stop.



Controller Colour Display Unit

