

JetGo Ground Power Units 550Mti & 550Mti-RJ Models

JetGo precision hybrid GPUs are compact units offering impressive continuous and peak power in addition to sophisticated aircraft protection systems. Its light weight and compact size lends to easy portability, whether it be across the ramp or around the world. Applications include avionics support, electrical air conditioning, aircraft maintenance and engine starts. These user-friendly units are the affordable answer to your 28V DC power requirements.



Features

- Industrial grade Kubota diesel engines with worldwide support
- 1700 CCA batteries combine with 600 amp alternators to provide clean “cool spool” starts
- Overvoltage protection with voltage compensation
- Soft-start and onboard aircraft protection
- Rapid recharging of GPU’s hybrid batteries allows multiple engine starts
- Emergency start 24V DC battery pack is available without running engine, preventing turbine “hot starts” and damage to aircraft engine
- In-hangar aircraft system maintenance can be performed without engine running using 24V GPU battery system
- Compact size allows wing and fuselage clearance
- Low profile design protects aircraft from potential collision damage
- LED clearance lights illuminate when GPU is running
- Fiberglass enclosure is rust and dent-proof, with marine grade UV resistant gelcoat
- Towable, yet easy to push by hand into service position
- Control panel and LED contactor light



“Wanted to pass along some info on the results of using the JetGo 550Mti GPU in handling our Pilatus PC-12. In short, it is the best unit I have ever used, it’s both quiet, and powerful.”

Jack Mansur, Chief Pilot
Morning Star Services LLC

Engine Specs:

- Kubota diesel engines with E-TVCS combustion systems provide high performance at the lowest fuel consumption available
- 4 cyl, 1.5 liter turbo charged, 27.2kw (36.5hp) continuous @ 3000 rpm
- Performance: 550 amp continuous 28V DC output with 2300 amp starting capability*

*Includes generator and battery performance

Fuel consumption

- 0.8 to 1.5 US gallons per hour

Fuel: Tank Capacity / Type / Run time

- 9-15 US gallon capacity, corrosion resistant materials
- 8-10 hrs of constant run time at average load Fuel Grades: diesel, low sulfur diesel, Jet-A1, JP4 or JP5

Hybrid Battery System

- NorthStar AGM maintenance free batteries (2 each)
Capacity: 1700 CA / 1400 CCA @ 0° F (Per Battery)

Emission Compliance

- Environmentally friendly: EPA Tier-4 and Tier EU Stage IIIA

Engine Displays & Instruments

- Start/stop button
- Alarm indicator, notes faults in any protection system
- Low oil and low fuel protection with auto shutdown
- Glow plug preheat system automatically engages in cold weather
- Over-speed/under-speed protection with auto shutdown
- Fuel quantity gauge (non-RJ models only)
- Hobbs (hour) meter
- Amperage fault indicator

GPU Displays & Instruments

- Volt and amp gauges
- Contactor on/off switch with bright LED indicator

Construction

- Fiberglass enclosure, UV resistant gelcoat
- DC cable: MS3506 mil-spec 30 feet (10m) 4/0 with aircraft standard NATO plug
- "Easybrake" foot activated brake system (non-RJ models)
- Towbar friction activated brake system (RJ models)
- Powder coated tubular steel chassis, extendable towing bar (non-RJ models)
- Galvanized tubular steel heavy-duty towing chassis (RJ models)
- External cable tray, fuel tank, fuel fill port, direct refuel gauge, and front splash guard (RJ models)
- Marine grade stainless steel exterior hardware
- Protectoseal safety fill cap with flash arrester
- Heavy-duty wheels and road-rated tires

Options

- JG550-01-425: Custom color option
- JG550-01-426: Kit of 4 protective corner bumpers
- JG550-01-428: Cold weather kit (includes engine block heater, battery warmers, and one Optima engine start battery with warmer)
- JG550-01-429-24V: 115V or 220V AC convenience receptacle
- JG550-01-430: Engine block heater
- JG550-01-432: 12V LED mounted spotlight
- JG550-01-433: Low fuel warning strobe light
- JB550-01-434: Dual output option
- JG550-01-435: Laptop computer auxiliary tray
- JG550-01-445: Breakaway 30' 4/0 DC GPU cable
- JG550-01-446: Onboard/dedicated 12" wheel chock set
- JG550-01-447: Flagro FV0-400 390,000 BTU/hr indirect fired oil heater (can be powered by option JG550-01-429-24V)
- JG550-01-448: 12/14V DC output option
- JG550-01-467: Safety cable interlock warning system

Warranty

- JetGo: 12 month manufacturer's limited warranty
- Kubota: 2 years/2,000 hours engine limited warranty 3 year/3,000 hour engine component limited warranty
- NorthStar battery: Limited 24 months manufacturer's warranty

Dimensions: 550MtI

- Physical dimensions: L: 74" x W: 42" x H: 45" (L: 1880mm x W: 1067mm x H: 1143mm)
- Weight: 1,367 lbs (621.4 kg)

Dimensions: 550MtI-RJ

- Physical dimensions: L: 121" x W: 46" x H: 46.5" (L: 3070mm x W: 1168mm x H: 1181mm)
- Weight: 1,933 lbs (877 kg)