



The HI-BRD®4 is a free running GPU for operators who need a powerful solution, away from the hangar, to jump start their fleet of aircraft and perform maintenance on various cockpit systems such as inverters, avionics, GPS and other high draw aircraft systems, including on-board air conditioning.

Its unique self-propelled feature makes this ground power unit simple and easy to maneuver on the ramp for shorter distances and yet can be towable for longer distances. It is equipped with eco-friendly diesel engine (3 Cylinder, 23.5hp) that meets current Tier IV EPA emissions standards and permanent magnet generator to provide you with up to 300 Amps of clean continuous no duty cycle power.

The HI-BRD®4 will provide a faster and cooler engine start





## SPECIFICATIONS

Battery type	Lead acid or Safe lithium-Ion
Voltage	26 VDC
Peak Current	2800 A
Capacity @10 Amp Rate	56 Ah for lead acid 62 Ah for Lithium
Charger type	Built in
Recharge time range	Between 1 and 8,5
Maximum Continuous Current output	300 A
DC voltage output	28.5 VDC
Phase	Single
Forced air-cooling	Yes
Over current protection	Yes
Over voltage protection	Yes
Over temperature protection	Yes
Complete Weight	1073lbs/487kg
Dimensions - Length x Width x Height	56" x 46" x 60" 142 x 117 x 152 cm

## PRODUCT FEATURES

- Yanmar/Isuzu 3 cylinder diesel engine (Tier IV EPA emissions compliant) with permanent magnet generator
- Full application approval by Yanmar/Isuzu
- Automatic soft engine starts from the battery bank
- Fuel consumption: 1.5 Gallons per hour - 25 gallon/95 liters fuel tank
- No duty cycle, clean continuous power
- Self-propelled unit (can be proposed without the self-propelled variant)
- Complete all-in-one unit is supplied with built in chargers and 25'/7.6m heavy duty 4/O aircraft cable
- Latest technology in safe Lithium-Ion batteries for engine starting - Twice the battery life of lead-acid batteries (Lead acid as option)
- No sulfation issue as lead-acid (can be left in a discharged state without causing damage to the plates)
- Powerful, sealed cells non-hazardous battery bank, maintenance free
- Built in battery warmer for cold weather operation (Optional for units equipped with lead acid batteries. Standard on Lithium-Ion battery units) : Can be operated in temperatures ranging from -40°F to 140°F (-40°C to 60°C) for lead acid batteries, and -20°F to 140°F (-28°C to 60°C) for Lithium Ion batteries
- Non toxic, non spillable and recyclable batteries (can be easily and safely returned to the earth without any detrimental environmental repercussions)
- Heavy duty steel case with environment friendly, low VOC durable powder coat finish, easy to handle, built for heavy duty usage. Removable doors for easy maintenance access
- Large wheels to allow easy maneuvering
- High visibility built in digital output display : voltmeter/ampmeter/hour meter
- Emergency shutdown switch

