

HOBART
GROUND POWER

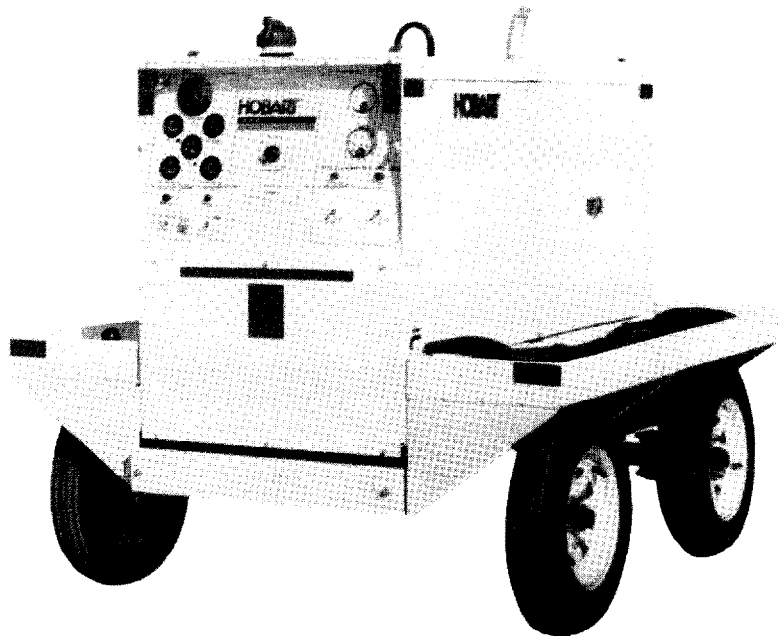
Jet-Ex[®] 4D Diesel Ground Power Units

DATA SHEET: 3
INDEX: 9706
REPLACES: 9406

Why Choose a Hobart Jet-Ex[®] ?

You can depend on the Jet-Ex diesel powered 28 VDC Ground Power Unit to fully support all of your DC aircraft power needs. The Jet-Ex has earned the reputation as the "standard of the industry", trusted for superior power quality and excellent durability.

As the premier supplier and pioneer for DC Ground Power products, Hobart continues to implement improvements to best meet the changing needs of our customers.

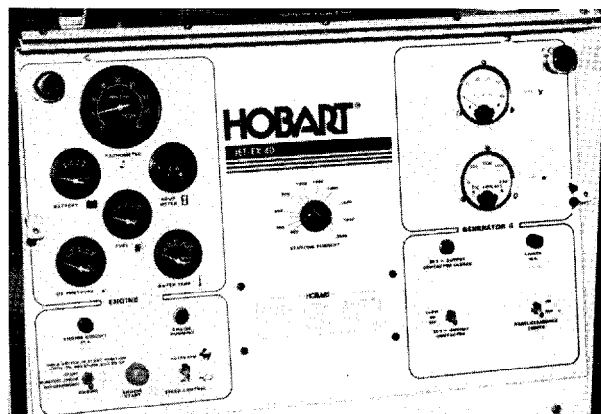


STANDARD FEATURES:

- Durable, all-welded, formed steel frame and weather resistant canopy
- Powered by the latest Perkins 4-cylinder diesel engine
- Reliable, Hobart manufactured AC rectified alternator
- Adjustable current limiting for safe starting of any DC aircraft
- Built-in, adjustable line drop compensation
- Easy access to engine and generator compartments
- Low profile for clear visibility in congested ramp areas
- Dual in-line fuel/water separator with sight glass
- Corrosion free fuel tank
- Durable control panel facing for long life
- Automatic voltage build-up

Our NEW Control Panel provides clear readout of all engine and generator functions

- Generator
 - voltmeter
 - ammeter
 - contactor controls
- Engine
 - oil pressure gauge
 - water temp. gauge
 - tachometer
 - charging ammeter
 - starting controls
 - fuel gauge
- Hour meter
- Output current limit adjustment
- Lexan panel protects engine and generator controls
- Laminated facing for long life of panel lettering



Jet-Ex 4D Diesel Ground Power Units

Specifications:

Engine

- 4.236 Perkins industrial diesel engine; 70 hp at 2,000 rpm
- Fuel tank capacity allows 8 hours operation at rated load requiring only one fill per work shift
- Low oil pressure shutdown, high water temperature shutdown, and high speed limiting provide full engine protection
- Single, maintenance-free 875 CCA battery

Environmental

- Minimal derating of performance at altitudes up to 5,000 feet
- Operating temperature range of -25°F to $+125^{\circ}\text{F}$

Performance

- 28.5 volts DC output
- 550 amperes continuous rating at 28.5 VDC, 2,000 amperes peak
- Current limiting adjustable from 300 to 2,000 amperes
- Line drop compensation assures proper voltage at aircraft

Compliance standards

- Voltage regulation, voltage ON transients, and AC Ripple content meets Mil Std. 704E
- Meets BS2G219 for ON load transients; 20 volts at end of 30 ft., 4/0 size cable
- Conforms to ARP1247B
- Operating Manual conforms to ATA 101 and AEA formats

Displays/Instrumentation

- Alternator gauges include:
 - voltmeter
 - ammeter
- Engine gauges include:
 - tachometer
 - oil pressure
 - fuel level
 - water temperature
 - hourmeter
 - battery charging ammeter
- Panel lights
- Lexan clearance lights
- Engine start switch

- Engine idle/run switch
- Engine "ON" light
- Contactor close/open switch
- Contactor "CLOSED" light

Finish

- Units are painted using the latest technology in anticorrosion treatment
- Finish is a high gloss white as standard, with special colors available as an option.

Optional items

- 120 VAC 60 Hz 1 phase Generator (DA28L-1600-HBC)
- 14 volt DC kit
- Fork lift pockets
- Glow plug
- Cold weather, ether start kit
- Stationary mounting
- Block heater
- Muffler rain shield
- Tie down rings

Shipping

Model	Length	Width	Height	Ground Clearance	Approx. Weight Without Fuel
Trailer mounted with fenders and cable trays	75.5" (1918 mm)	58.5" (1486 mm)	59.25" (1505 mm)	8" (203 mm)	2280 lbs. (1034 kg)
Stationary unit with cable hangers and spacers under frame	67" (1302 mm)	34.25" (830 mm)	53" (1346 mm)	— —	1900 lbs. (862 kg)
Footprint without trailer	65" (1651 mm)	28" (711 mm)	— —	— —	— —

Specifications subject to change without notice.