

# Hobart JetEx<sup>®</sup> 6D

Cummins QSB Diesel

EPA TIER 3 / CARB TIER 3  
EU STAGE III A

Low emissions compliant



#### Performance Features:

- Low Emission Certified Engine (Tier 3)
- Lift-off doors and removable panels provide complete access to engine, generator and control compartments
- Corrosion free fuel tank
- 10 hour run time for nominal loads
- Low fuel warning and shutdown
- Delayed stop (for turbo protection) and emergency shutdown
- Reliable, Hobart manufactured AC rectified generator with automatic voltage build-up
- Numbered, color-coded wiring remains traceable for the life of the unit
- Towbar activated braking system
- Superior voltage regulation
- Adjustable current limiting for safe starting of any DC aircraft
- Low noise design (less than 80 dBA)
- 5th wheel steering

*HOBART is part of ITW GSE  
- the world's leading supplier of Ground Support Equipment*

**ITW GSE HOBART**

It's all about connections

# Specifications

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### Engine

- Cummins QSB4.5 diesel engine operating at 1800 RPM
- Turbocharged 4-stroke, inline 4 cylinder common rail fuel system
- Full application approval by Cummins Engine
- 12 VDC battery system
- Electronic governor system (via the engine's ECM)
- Intake manifold pre-heater for cold weather starting

### Engine Protection

- Low oil pressure shutdown
- High coolant temperature shutdown
- Low coolant level shutdown
- Intake air restriction indication

### Environmental

- Relative Humidity: 10-95%, non-condensing
- Operating Temperature: -31° C to + 52° C (-25° F to +125° F)
- No altitude derating required up to 10,000 feet when running in normal operating range

### Performance

- 28.5 volts DC output
- 600 amperes continuous rating at 28.5 VDC
- 2,000 amperes available for aircraft engine starting
- Current limiting adjustable from 300 to 2,000 amperes
- Line drop compensation assures proper voltage at aircraft plug

### Dimensions & Weight

Dimensions: Kindly refer to outline drawings  
Weight: 4,000 lbs. (Mobile), 3,700 lbs. (Fixed)

### Displays / Instrumentation

- Meters: tachometer, coolant temperature, battery voltmeter, hour meter, oil pressure, fuel level
- Buttons/Switches: engine start, engine stop, engine idle/run, panel lights
- Indicators: pre-heater, engine "ON", air restriction

### Generator Output

- Meters: ammeter, voltmeter
- Switches/Adjustments: output contactor control, current limiting
- Indicators: output contactor closed

### Standards

- MIL-STD-704
- ISO 6858
- Machinery Directive
- Low Voltage Directive
- EMC Directive

### Options:

- Unit operating light - amber
- Low fuel beacon - blue
- Clearance lights
- Block heaters & battery blanket
- CE Marking/Certification
- Cable tray rollers
- Tie down rings
- Forklift pockets

