

ITW GSE

# 6400 JetEx 28 VDC GPU

Cummins diesel engine  
ITW GSE generator  
Tier 3 or Tier 4



It's all about connections



# SPECIFICATIONS

## ITW GSE 6400 JetEx T3 or T4 mobile diesel-driven 28 VDC GPU

### Engine

- **Tier 3:** Cummins QSB 4.5 diesel engine operating between 1500 & 1800 RPM. EU Stage 3A compliant
- **Tier 4:** Cummins QSF2.8 diesel engine operating between 1600 and 2400 RPM. EU stage 3B compliant
- Turbocharged 4-stroke, inline 4 cylinder common rail fuel system
- Full application approval by Cummins
- 12 VDC battery system
- Electronic governor system (via the engine's ECM)
- Intake manifold pre-heater for cold weather starting
- **Tier 3:** 110HP
- **Tier 4:** 74HP

### Engine Protection

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

### Environmental

- Operating temperature: -25°F to +125°F (-32°C to +52°C)
- Relative humidity: 10-95% non-condensing
- No altitude derating required up to **Tier 3:** 12,297 ft (3,748 meters)  
**Tier 4:** 5,500 ft (1,676 meters) when in normal operating range

### Performance

- 28.5 volts DC output
- Continuous rating: 600 amperes at 28.5 VDC
- 2000 amperes available for aircraft engine starting
- Line drop compensation assures proper voltage at aircraft plug
- Current Limiting adjustable from 300 to 2000 amperes
- To maximize fuel efficiency, engine speed varies based upon

current limit:

- 300 to 1100 amperes:  
**T3:** 1500 RPM. **T4:** 1600 RPM  
1101 to 1400 amperes:  
**T3:** 1600 RPM. **T4:** 2000 RPM  
1401 to 2000 amperes:  
**T3:** 1800 RPM. **T4:** 2400 RPM

### Dimensions & Weight

- Length: 103" (2,615 mm)
- Width: 66.2" (1,682 mm)
- Height: 63.9" (1,622 mm)
- **Tier 3:** 2950 lbs. (1,338 kgs)
- **Tier 4:** 2800 lbs. (1,270 kgs)

### Color

- White canopy, black cable trays, galvanized chassis. Other colors available on request

### Instrumentation

- Icon based ITW GSE user interface
- 5-Button directional menu arrow keypad
- Multiple language capability
- Simple operation/status/prompts
- Setup functions
- Engine data
- Output power data
- Fault data
- Memory recall

### Protection

- Per MIL-STD-704F, SAE ARP5015, and ISO 6858 (BS2G219)
- Over / under voltage
- Overload

### Overload

- > 600 A - 120 sec
- > 1200 A - 60 sec
- > 1500 A - 30 sec
- > 1900 A - 10 sec

### Standard Features

- ITW GSE designed and manufactured generator
- ITW GSE user interface
- Fifth wheel steering

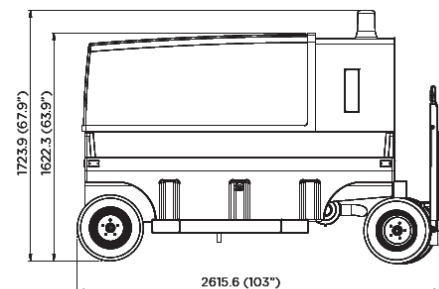
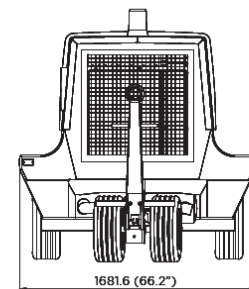
- No load shut down
- 53 gallon fuel tank (200 L) with at least 8 hrs. run time at max full load
- Fork lift pockets
- Tow bar with parking brake
- Sliding canopy for ease of access

### Standards

- **Tier 3:** EPA Tier 3/CARB Tier 3 EU Stage III A
- **Tier 4:** EPA Tier 4/CARB Tier 4 EU Stage III B
- MIL-STD-704F, SAE ARP5015 and ISO 6858
- BS2G219
- ISO 9001-Certified manufacturer
- **Tier 4:** CE certified

### Options

- Unit operating beacon
- Low fuel beacon
- Clearance lights
- Block heater
- Battery blanket
- DIN40 towing eye
- Towbar Interlock
- Tie down rings
- Wheel chock



Dimensions are shown in mm and (inches)