

Ketek DualGen



KETEK
GROUP

Results Driven.



The Ketek DualGen delivers high performance, redundant power for demanding portable applications. Its dual engine design ensures uninterrupted operation, while advanced controls allow seamless engine switching at the push of a button, keeping critical operations running smoothly.

Built with a durable powder coated steel shell and skid, the DualGen is designed to withstand harsh environments and provide long lasting reliability.

Key Features:

- **True Redundant Power:** Automatic synchronization allows the standby engine to take over without interrupting your power supply, even under full load.
- **Intelligent Fail Safe:** Onboard monitoring tracks vital engine parameters. Pre-alarms automatically transfer load to the standby engine.
- **Ultra Quiet Operation:** Fabrock insulation and critical grade silencers reduce noise below 55 dBA at 7 meters.
- **Protected Enclosures:** Type 3R electrical enclosures shield components from dust and moisture.
- **Climate Resilience:** Automated airflow maintains internal temperatures and keeps fuel warm, even in extreme cold.
- **Massive Runtime:** 2,000L (529 US Gal) UN 31A & CGSB 43.146-2002 certified fuel tank provides up to 105 hours at 75% load.
- **Remote Management (Optional):** View live data and control start/stop/transfer from desktop or mobile devices.
- **Safety Features:** Interior emergency handles, E-Stop button, and padlockable recessed door handles.
- **Automatic Load Protection:** Includes load bank management to prevent wet stacking and maintain engine health.
- **Automatic positive air shut-off** on engine overspeed
- **Automatic load disconnect on:**
 - Over/under voltage
 - Over/under frequency
 - Over current
 - Low oil pressure
 - High coolant temperature



20204 110 Avenue NW
Edmonton, AB, T5S 1X8, Canada
Tel: 780-447-5050 | Toll Free: 1-855-447-5050
sales@ketek.ca | ketek.ca

Electrical Distribution:

120V, 60 Hz Single Phase

8x15/20A, Duplex (125V)
10x30A Twistlock (125/250V)
6x50A Twistlock (125/250V)

208V, 60 Hz Three Phase, 112kVA

2x30A Pin & Sleeve (Appleton, 4W,4P)
2x60A Pin & Sleeve (Appleton, 4W,4P)
2x100A Pin & Sleeve (Appleton, 4W,4P)

480V, 60 Hz Three Phase, 250kVA

1x30A Pin & Sleeve (Appleton, 3W,4P)
2x100A Pin & Sleeve (Appleton, 3W,4P)

Specifications:

- **Length:** 20'
- **Width:** 8.5'
- **Height:** 9.6'
- **Wet Weight:** 23,060lbs
- **Fuel Tank:** 2,000L / 529US Gal, 120% fluid containment
- **Light Tower (Optional):** 25' hydraulic vertical mast, 6-LED rectangular spotlight, 10-30V
- **Air Shutoff:** Auto / Manual
- **Safety:** E-Stop button & internal emergency handles
- **Transport:** Four point lifting hooks, rugged skid frame



Engine & Performance:

- **Engines:** 2x Perkins 1204J-E44TTAG2, EPA Tier 4 / EU Stage V certified
- **Prime Power:** 91.2 kW / 134 HP per engine
- **Standby Power:** 100 kW / 148.9 HP per engine
- **Fuel Consumption:** 25.7 LPH (6.8 GPH) at 100% load
- **Runtime:** Up to 105 hours at 75% load
- **Alternator:** Mecc Alte with auxiliary winding
- **Engine Preheat:** Webasto
- **Control:** Standard electronic governor for precise power management
- **Engine Configurations:** (e.g., John Deere or Isuzu) available for custom projects, including dual engine redundancy and auto synchronization upon request.