

TwinGen 100 Series

The TwinGen 100 series is a reliable, portable power system designed for today's demanding applications.



Advanced Technology. Simple Solutions.

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FEATURES

- **Available power systems include: Perkins, John Deere, Isuzu**
- **Switch between engines with the push of a button**
- **Sound reduction technology**
- **Self-contained type 4 electrical enclosures house all electrical components**
- **Modular side panels & center supports remove easily for full engine access**
- **Optional remote monitoring, programmable intervals and light tower**
- **Auto-synchronization**
 - The TwinGen's state-of-the-art control system allows switching between engines without interrupting power supply. The second engine starts, synchronizes both engines and takes the first engine offline.
 - Power is uninterrupted during transfer, even during high loads.
- **Auto-enclosure temperature control**
 - On-board sensors automatically adjust enclosure airflow to maintain optimum internal temperatures in all weather conditions
- **Multi-Voltage Distribution**
 - 8 x 120v amp Straight Blade Duplex
 - 10 x 125/250v -30 Amp Twistlock
 - 6 x 125/250v - 50 Amp Twistlock
- **208v Three Phase**
 - 30 Amp - Pin and Sleeve
 - 60 Amp - Pin and Sleeve
 - 100 Amp - Pin and Sleeve
- **480v Three Phase**
 - 30 Amp - Pin and Sleeve
 - 60 Amp - Pin and Sleeve
 - 100 Amp - Pin and Sleeve
- **Safety & Security**
 - All external doors are lockable
 - Simple lockout process allows for routine maintenance even while one engine is running
 - E-Stop button right beside main control panel
 - Emergency handles on the inside of all doors
 - Door-actuated interior lights
- **Engine protection system**
 - Continuous monitoring of oil pressure/volume and coolant temperature
 - In the event of a engine pre-alarm the system will automatically transfer power to the standby engine and shut down the affected engine without losing power
 - Automatic event notifications with the optional remote monitoring feature
- **Internal fuel storage**
 - 2000 liter capacity (Transport Canada certified)
 - Keeps fuel warm in sub-zero temperatures
 - Tank features opposing filler locations complete with 12 litre spill containment tray
 - Manual and electronic fuel gauges
 - UN / UL approved
 - Skid designed for 120% containment in event of total fuel/engine fluid loss
- **Portable, heavy-duty design**
 - Portable, rugged design
 - Four-point lifting hooks
 - Can be winched onto trucks or skidded around job site.





HIGHLIGHTS

- High-quality, redundant power systems
- Portable design
- Extremely quiet operation
- Temperature & quality control

SPECIFICATIONS

- Prime Power: 91.2kW / 114 kVa
- Standby Power: 107 kW / 133.7 kVa
- Block Heater: diesel-fired
- Fuel Tank Capacity: 2000L / 529 US Gal
- Run Time (75% Load): 105 Hours

Dimensions Stowed

- Length: 19.25'
- Width: 8.42'
- Height: 9.33'
- Weight (empty): 19,800 lbs
- Ground pressure: 1.3 PSI
- Tower: 25ft hydraulic vertical mast

Engine

- Brand: Perkins
- Model: 1104-E44TAG2
- Emission compliance: tier III
- Electronic governor: standard
- Prime power: 134.1HP
- Standby power: 148.9 HP
- Fuel consumption (100% load): 25.7 LPH / 6.8 GPH
- Positive air shutoff: auto / manual

Alternator

- Brand: Mecc Alte
- Voltage regulation: electronic / 1.5%
- Sound level: < 55DB at 7 metres

