GENERAC®

Power Beyond Limits with the MDE1450 TwinGen

The Ultimate Mobile Power Solution for Mission-Critical Operations

The Generac MDE1450 TwinGen is a cutting-edge mobile generator designed to meet the power demands of today's most challenging industrial environments. With its dual-genset configuration, this generator provides unparalleled redundancy, reliability, efficiency, and flexibility making it the ideal choice for construction projects, data centers, events, healthcare facilities, telecom operations, and other critical infrastructure.

Key Features & Benefits

Dual-Genset Technology

Ensures redundancy and continuous operation, even during maintenance periods. Increases efficiency by allowing for one or both genset to run independently.

High Power Density

Offers 1450 kVA in a compact, containerized design, providing 1MW of power.

Cold Weather Operation

Engineered to perform in temperatures as low as -13°F with a cold-weather package, ensuring reliability in extreme conditions.

Flexible Mounting Options

Available in a skid, chassis or trailered configurations to fit customer needs.

IoT Connectivity

Advanced real-time monitoring and remote management capabilities for optimized performance and maintenance.



APPLICATIONS

- Data Centers
- Construction
- Municipal
- Disaster Relief / Emergency
- Large Events
- Telecom
- Industrial

Exhaust System

(2) Exhaust silencers with rain caps. SCR only

20' High Cube Container

Soundproof, weatherproof shipping container modified as an enclosure

Air Intake

Cold air intake

Control Panel & HMI

Deep Sea controllers, camlocks, receptacles, bus bars

Fuel System

475-gallon metal fuel tank with containment (fuel, DEF, engine oil)

Fork Pockets



Cooling System

(4) Electric fans in (2) radiators (one for each genset) in separate compartment

Access Doors

Doors on both sides for easy service

DEF Tanks

(2) 42-gallon DEF tanks fitted on fuel tank

Model	MDE1450
Engine Make	(2) Volvo TWD1683GE
Power	1500 / 1800 RPM
Tier	Tier 4 Final
Min. Operating Temperature	-13°F (-25°C)
Max. Operating Temperature	122°F (50°C)
Fuel Tank Capacity: gal (Liter)	475.5 (1800)
Runtime @ 75% PRP	8 Hours
Controller	(2) Deep Sea DSE8610
Paralleling	Up to 16 MDE1450 TwinGen Units
Sound and Weatherproof	Yes
Sound Rating	71 dB(A)
Weight: lbs (kg)	37,700 (19,350)
Dimensions - L x W x H: in (mm)	238" x 96" x 114" (6060 x 2424 x 2900)
Warranty	2-Year Limited or 2,000 Hours

Discover the power of the MDE1450 TwinGen. Contact us to learn more!

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