

GENERAC®

Megawatts, Mobilized with the MDE2900

The Most Power-Dense 2+ MW Mobile Generator in the Market

The Generac MDE2900 is engineered to deliver 2.3 MW (2900 kVA) of scalable, mission-critical mobile power in a single 48-foot trailered solution. Designed for high-demand applications, the MDE2900 combines unmatched power density with built-in redundancy, efficiency, and operational flexibility. Its four independent 725 kVA gensets allow operators to right-size power output to match real-time load demands, maximizing uptime while optimizing fuel efficiency.



Unmatched Power Density

Delivers 2.3 MW (2900 kVA) on a single 48' trailer — making it the most power-dense mobile unit over 2 MW on the market.

Redundant & Efficient

Four 725 kVA gensets operate independently or together to deliver built-in redundancy and continuous operation, while flexible load management allows operators to run only the power required.

Sound & Climate Advantages

71 dBA at full load for reduced noise impact and engineered to operate in temperatures from -13°F to 122°F for dependable performance in harsh conditions.

Ease of Operation

Ground-level access to the controller and power distribution simplifies operation and serviceability.

Generac Link Standard

Integrated IoT connectivity for real-time monitoring, remote diagnostics, performance tracking, and fleet management.

APPLICATIONS

- Data Centers
- Utilities
- Oil & Gas
- Industrial
- Disaster Relief / Emergency Response
- Construction
- Large Events
- Municipal

Ladder Straps

Installed under all access doors

Screened Bi-Fold Access Doors

4-Step Aluminum Ladder

Mounted inside door

Shipping Cover

Fuel and DEF Fill Door Holder

Lockbar Latch

Soft Drop Frame Chassis

Storage Bracket

Model	MDE1450QDPCK
Engine Make	(4) Volvo TWD1683GE
Total Output	2,900 kVA (2.3 MW)
Tier	Tier 4 Final / EU Stage V
Operating Temperature	-13°F to 122°F
Fuel Tank Capacity	475.5 (1800)
Runtime @ 75% PRP	8 Hours
Controller	(4) Deep Sea DSE8610
Connectivity	Generac Link Standard
Paralleling	Up to 8 MDE2900 Units
Sound Rating	71 dBA @ full load
Weight lbs (kg)	85,000 (39,008)
Dimensions - L x W x H in (mm)	636 (16,154) x 96 (2,438) x 149 (3,785)
Warranty	2-Year Limited or 2,000 Hours

Discover the power of the MDE2900. [Contact us to learn more!](#)



Generac Power Systems, Inc.
W29290 Hwy 59, Waukesha, WI 53189
1-888-GENERAC (1-888-436-3722)
201911834 REV 04/2026

@2026 Generac Power Systems.
All rights reserved. Specifications are
subject to change without notice.