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U.S. Diesel Generator Market Size, Share & Trends Analysis Report By Power Rating (Low Power Gensets, Medium Power Gensets, High Power Gensets), By Application (Industrial, Commercial, Residential), And Segment Forecasts, 2026 - 2033

https://marketpublishers.com/r/U336CCA844D2EN.html
Date: October 2026
Pages: 120
Price: US$ 5,950.00 (Single User License)
ID: U336CCA844D2EN

Abstracts

The U.S. diesel generator market size was valued at USD 3.3 billion in 2025 and is projected to grow from USD 3.6 billion in 2026 to USD 6.8 billion by 2033, at a CAGR of 9.5% from 2026 to 2033. The market growth is driven by expanding data center capacity, rising concerns about power reliability, and increasing demand for dependable backup power across critical infrastructure. Extreme weather events, grid disruptions, and continued infrastructure investment are further supporting demand for diesel generators.

U.S. Diesel Generator Market Report Segmentation

This report forecasts revenue growth at the country level and provides an analysis of the latest industry trends in each of the sub-segments from 2021 to 2033. For this study, Grand View Research has segmented the U.S. diesel generator market report based on power rating and application:

Power Rating Outlook (Revenue, USD Million/Billion, 2021 - 2033)

Low Power Gensets

Medium Power Gensets

High Power Gensets

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Application Outlook (Revenue, USD Million/Billion, 2021 - 2033)

Industrial

Commercial

Residential

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