

Generac Mobile



Energy on the go, powered by
Generac Mobile

When there is no power grid to plug into or standard power outlets are down, there's Generac. For more than 60 years, the company has been a trusted manufacturer of home backup generators. But that's far from their only area of expertise. The Generac Mobile division has also gained traction in the mobile industrial generator market. The company designed two new diesel mobile generators to extend their mobile generator lineup with greater power output. The end result? Generac's MDE570 and its smaller sibling unit, the MDE330.

New for 2022, the MDE570 is built for a wide range of applications, including general use, remote construction sites and various rental applications as well as large outdoor events. Serving rental markets across the United States and Canada, the generator offers the reliable, flexible power expected on a jobsite, even when it is put to the test in the toughest work conditions.

Constantly connected to mobile diesel energy

The MDE570 has a prime power rating of 456 kW, 570 kVA at 60 Hz. Featuring a durable steel frame and sound-attenuated enclosure with a lift structure for trailer and skid configurations, this generator has been engineered for durability, even in challenging remote locations. The 24-hour runtime before refueling is maintained across any high and low temperature and humidity extremes. When configured for paralleling, the MDE570 offers a scalable power approach for ultimate versatility. Both the MDE570 and MDE330 come equipped with a Deep Sea Electronics 8610 MKII controller while providing operating parameters and diagnostics through an intuitive interface conveniently located at the back of the

Key Facts

Customer
Generac Mobile

Location
Waukesha, Wisconsin

Engine specification
Perkins® 2806F-E18TAG1

Application
Mobile diesel generator

OEM website
[generacmobileproducts.com](https://www.generacmobileproducts.com)

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THE HEART OF EVERY GREAT MACHINE



machine at eye level. A 500-hour oil and filter service interval is also standard for both generators, greatly reducing downtime.

“We spoke to rental houses and end-users to really understand what they need in the market. After that research, we believe we’ve hit every set of requirements to fully satisfy customers and provide them with something that fulfills their power needs and is built to last,” said Aaron LaCroix, product manager at Generac Mobile.

Powering through pain points with Perkins

Generac specifically chose the Perkins® 2806F-E18TAG1 engine to support varying power loads within U.S. EPA Tier 4 Final emissions standards. This 18.1-litre, six-cylinder engine features an integrated, state-of-the-art exhaust temperature management (ETM) technology load management system to mitigate potential load issues like wet stacking. This occurs when the engine runs for long periods of time at lighter loads, causing unburned fuel to end up in the exhaust system.

“We know that end-users may be underloading the generator for stretches of time, so we needed a readily available solution. This Perkins engine gives us a huge competitive advantage and enables us to offer a straightforward, reliable product experience,” LaCroix shared.

But that wasn’t the only factor considered when selecting Perkins. Generac has a history of using Perkins engines in its stationary products and knew that, paired with its brand recognition and service support, Perkins was the right fit.

“This engine has been field tested and proven to be a strong platform for power generation, especially for the mobile applications many renters will be in, so we have a lot of confidence in it,” LaCroix said.

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The Perkins® 2806F-E18TAG1 engine offers 480, 240 and 208 V 3-phase output and 120/240 V 1-phase convenience receptacles.

