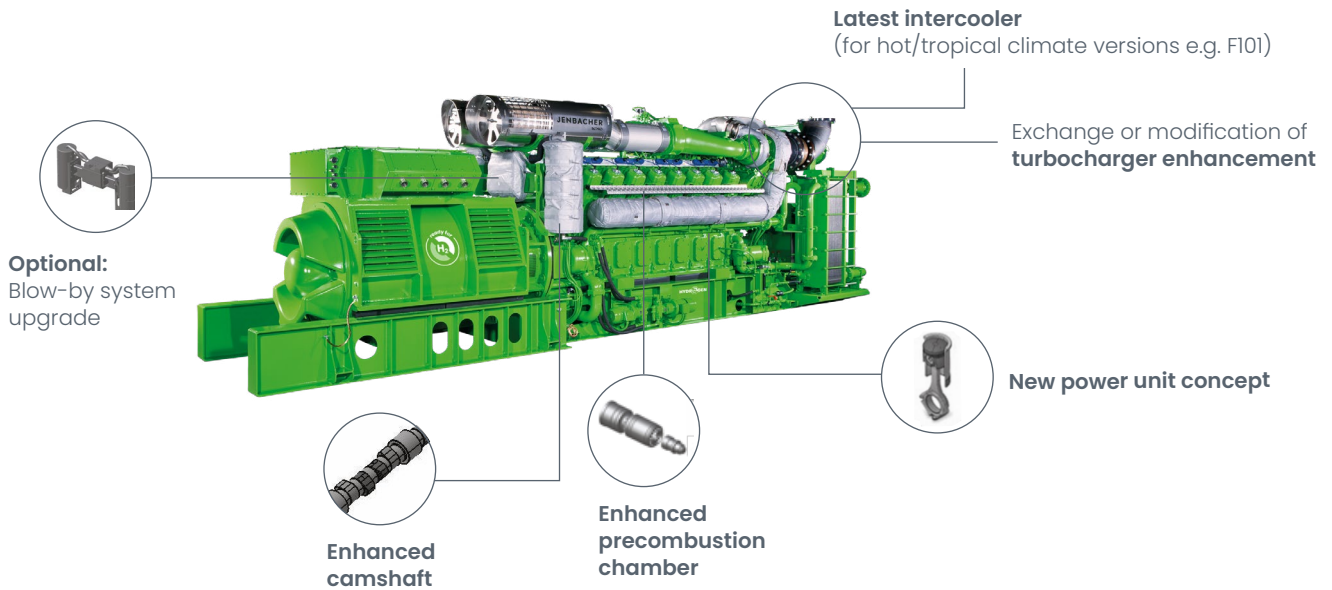


ADVANCED TECHNOLOGY ALLOWS FOR HIGHER EFFICIENCY

J-version upgrade for Jenbacher Type 6 engines

INNIO Group's J-version gas exchange and combustion technology upgrade reduces fuel gas consumption and eliminates low-temperature heat rejection losses by boosting the electrical or total efficiency of your Jenbacher Type 6 engines.



Upgrades: Enhancing performance

Our innovative solutions are constantly upgraded to increase your plant's sustainability and bring you top economic results. Let INNIO Group—your Jenbacher system's original equipment manufacturer (OEM)—partner with you for the unique insights you need to always stay up to date. Building on your constant feedback, we offer a broad range of upgrade packages for your Jenbacher products. That is why we also continuously develop our engine versions for you.

Product details

The upgrade package for Type 6 F-version units includes a variety of enhancements that are best applied during a minor or major overhaul:

- New camshaft design
- Modified valve train components
- Steel piston with increased compression ratio
- Exchanged or modified turbochargers
- Latest intercooler (only for hot/tropical climate versions such as F101)
- Optional features:
 - > Enhanced pre-combustion chamber
 - > Upgrade to new cylinder head design
 - > Retrofit to latest blow-by filter system
- OEM documentation update

Note: This upgrade package also is available for Jenbacher Type 6 E-version engines as a customized upgrade with the retrofit scope determined on a case-by-case basis. The extended bundle of enhancements is best applied during a major overhaul at one of INNIO Group's Overhaul Center of Excellence (COE) locations.

Applicable units

Type 2	Type 4
Type 3	Type 6 ¹ ✓

¹ Product applicable to all Jenbacher Type 6 F-version engines. Upgrade also applies to Jenbacher Type 6 E-version units, but must be handled as a customized upgrade request.



Upgrade your engine
 Enhancing performance
jenbacher.com/upgrades



Contact us:
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Customer benefits

Reduced fuel gas consumption

Through improved electrical efficiency, the upgrade results in up to a 4% decrease in fuel gas consumption.

Higher electrical efficiency

Design enhancements translate up to a 1.9% point increase in higher electrical efficiency.

Lower life-cycle costs and increased uptime

The design improvements provide: lower life-cycle costs and more unit uptime especially when retrofit to the latest blow-by filter system, improved performance regarding check and change parts, enhanced intercooler (hot/tropical climate version only), and an option for the latest pre-combustion chamber design.

Enhanced total efficiency

Cogeneration plants (such as J620 version F01 to J620 version J605) can realize up to a 4% point improvement in total efficiency with nearly unchanged electrical efficiency.

Note: Overall benefits can vary based on site-specific boundary conditions such as the ambient environment and gas quality.

For more information, visit INNIO Group's website at innio.com, the Jenbacher website at jenbacher.com, or the Jenbacher Services website at jenbacher.com/en/services

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