

CIMC ENRIC · 20 FT CONTAINERIZED GAS GENSET

AM600

CIMC Energy Solutions for Virtual Pipeline End Users

600 kW in one 20 ft high-cube container.

A natural-gas generator set built from two 300 kW engine-generator modules in a single 20 ft high-cube ISO container package, factory-tested before it ships. AM600 and SL500 platforms can be paralleled and scaled from multi-MW deployments up to around 100 MW for continuous power applications such as data centres, mines and industrial sites.



600 kW

Rated output · 400 V · 50 Hz

2 × 300

kW gas engine-generator modules

20 ft

High-cube ISO package · IP54

~100 MW

Parallel scale (with SL500)

Built for the end of the virtual pipeline

170 Nm³/h

Rated gas volume

Natural gas, or associated gas after conditioning, supplied by pipeline or by LNG / CNG delivered by road and regasified on site.

IP54

One transportable package

The full generation block in a single 20 ft high-cube ISO container: 6058 × 2438 × 2896 mm.

2 ×

Dual controllers

Dual genset controllers with remote monitoring, control and alarm records.

Scalable from 600 kW to around 100 MW

One 20 ft package = 600 kW



Two 300 kW engine-generator modules in one container.

Parallel fleets · multi-MW to ~100 MW



AM600 and SL500 platforms can be paralleled and scaled from multi-MW deployments up to around 100 MW for continuous power applications such as data centres, mines and industrial sites.

Applications

- **Data centres:** modular gas power blocks for continuous loads, paired with SL500 units.
- **Mines, oilfields and remote sites:** containerized generation where pipelines and grid do not reach.
- **Industrial users:** gas-fired continuous power and diesel replacement.

PARAMETER	VALUE
PERFORMANCE	
Rated output	600 kW
Configuration	2 × 300 kW gas engine-generator modules
Fuel	Natural gas (associated gas after conditioning)
Rated gas volume	170 Nm ³ /h
ELECTRICAL OUTPUT	
Voltage / frequency (factory-tested build)	400 V · 50 Hz
Other grids	60 Hz and 380–480 V configurations engineered per project and confirmed in the quotation
OPERATION & CONTROL	
Controls	Dual genset controllers; remote monitoring, control and alarm records
Scalability	Multi-MW to around 100 MW (AM600 / SL500 platforms in parallel)
PHYSICAL & INSTALLATION	
Package	Single 20 ft high-cube ISO container package
Enclosure protection	IP54
Dimensions (L × W × H)	6058 × 2438 × 2896 mm

Site conditions. Fuel version, rated duty, ambient conditions and gas quality decide the project data sheet and site output. Hot-climate derating, cooling and enclosure design are calculated for the actual altitude, ambient temperature and gas composition during project engineering.

Figures from the AM600 factory record, October 2026. Efficiency, emissions, noise, ambient range and certifications are confirmed per project. Final specifications are stated in the project proposal.

Factory-tested before it ships.

Containerized gas power for virtual pipeline end users.

Discuss your project: cimcenergysystem.com/discuss-your-project

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