

AGCO POWER YOUR BACK-UP.



**AG-series
diesel generators**



**AGCO Power
diesel generator sets
work everywhere**



Power where it is needed: reliability is a powerful thing

Electrical systems must work without interruptions when human lives, safety and continuous production are at stake. If the power grid fails, the power station must step up immediately.

AG-series diesel generator sets are meant to be used for back-up and primary power. They offer reliability to agriculture, industry, hospitals, data centres, fire and rescue departments as well as water utilities, power stations and electric plants, for example.

Wide power range for diverse uses

The AG-series includes six generator sets in the power range 60–250 kVA. The generators are available as open models for machine rooms and equipment shelters or as canopy, ready-to-use models. Sound attenuated enclosures for AG-series include ready-to-use exhaust piping with efficient silencers. The generator sets are just the right size, compact and easy to move. Their reliability has been tested countless times

both in factory conditions and in practice. AGCO Power has been designing, manufacturing and servicing reliable, diesel-powered primary and back-up power stations for over 60 years. We are the leading manufacturer and biggest operator in the field in Finland.

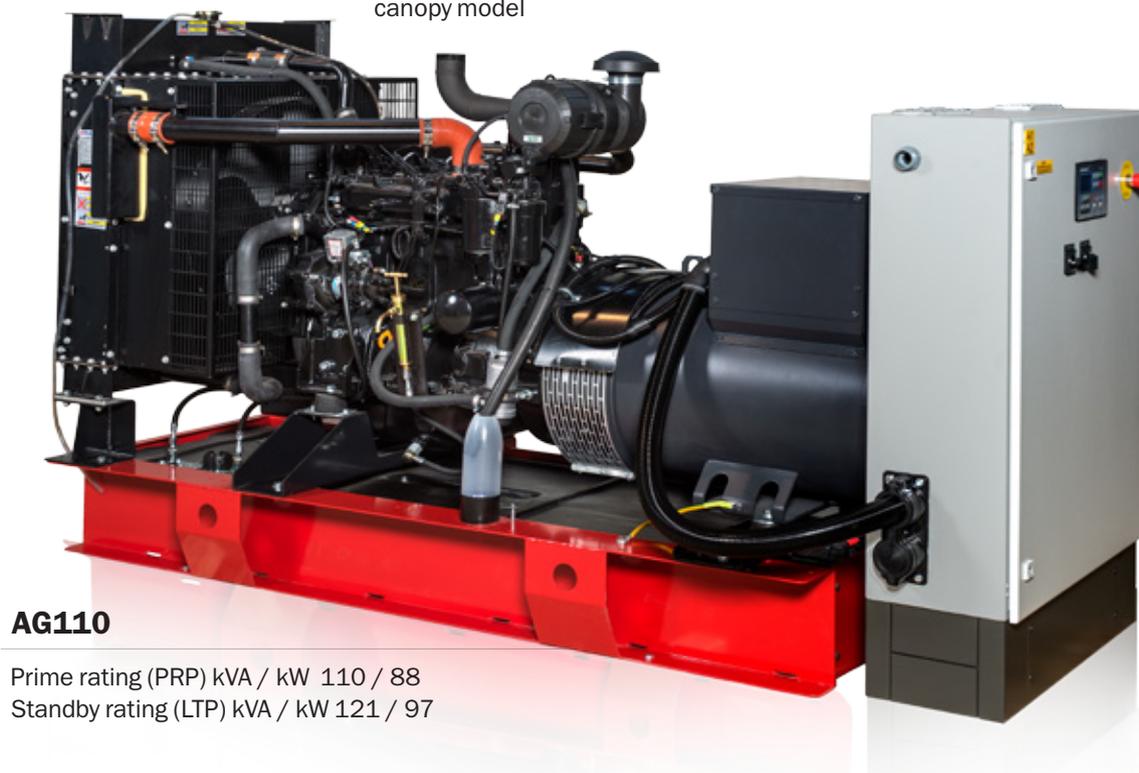
Back-up power

As a AGCO Power generator owner you benefit from the powerful AGCO customer support organisation. All over the world.



AG60

Weatherproof
canopy model



AG110

Prime rating (PRP) kVA / kW 110 / 88
Standby rating (LTP) kVA / kW 121 / 97

Strong selection for demanding use

| AG-series | Technical specifications | | | | | |
|-------------------------------------------------|----------------------------------------------|------------|------------|------------|-----------|-----------|
| Model | AG60 | AG90 | AG110 | AG150 | AG205 | AG250 |
| Power Prime (PRP) kVA / kW | 60 / 48 | 90 / 72 | 110 / 88 | 150 / 120 | 205 / 164 | 250 / 200 |
| Power Standby (LTP) kVA / kW | 66 / 53 | 99 / 79 | 121 / 97 | 165 / 132 | 225 / 180 | 275 / 220 |
| Engine model (AGCO POWER) | 33 DTG | 49 DTG | 49 DTAG | 74 DTG | 74 DTAG | 84 WIG |
| Cylinder qty | 3 | 4 | 4 | 6 | 6 | 6 |
| Rev. speed, rpm | 1500 | | | | | |
| Fuel consumption @ 100 % PRP, l/h | 14 | 21 | 24 | 35 | 45 | 55 |
| Fuel tank volume in litres, open / canopy model | 200 / 200 | 200 / 300 | 200 / 300 | 200 / 300 | 200 / 300 | 200 / 350 |
| Generator (MeccAlte) PRP | ECP32-2L/4 | ECP34-2S/4 | ECP34-1L/4 | ECP34-2L/4 | EC038-3SN | EC038-1LN |
| Power factor, cos φ | 0,8 IND. | | | | | |
| Electric system voltage, V | 12 VDC | | | | | |
| Generator IP- rating | IP21 | | | | | |
| Aggregate nominal voltage, V | 400/230 | | | | | |
| Aggregate nominal current, A (PRP) | 87 | 130 | 159 | 218 | 296 | 361 |
| Control system | ComAp IntelliNano / IntelliLite / IntelliGen | | | | | |
| Dimensions / Open model | | | | | | |
| Length, mm | 2100 | 2100 | 2100 | 2900 | 2900 | 2900 |
| Width, mm | 900 | 900 | 900 | 1000 | 1000 | 1000 |
| Height, mm | 1285 | 1365 | 1450 | 1500 | 1500 | 1645 |
| Dry weight, kg | 1000 | 1300 | 1400 | 1600 | 1700 | 2500 |
| Dimensions / Canopy model | | | | | | |
| Length, mm | 2310 | 2920 | 2920 | 2920 | 2920 | 4210 |
| Width, mm | 1120 | 1150 | 1150 | 1150 | 1150 | 1365 |
| Height, mm | 1655 | 1960 | 1960 | 1960 | 1960 | 1970 |
| Dry weight, kg | 1300 | 1800 | 1900 | 2100 | 2200 | 3070 |

Prime rating PRP (continuous variable power)

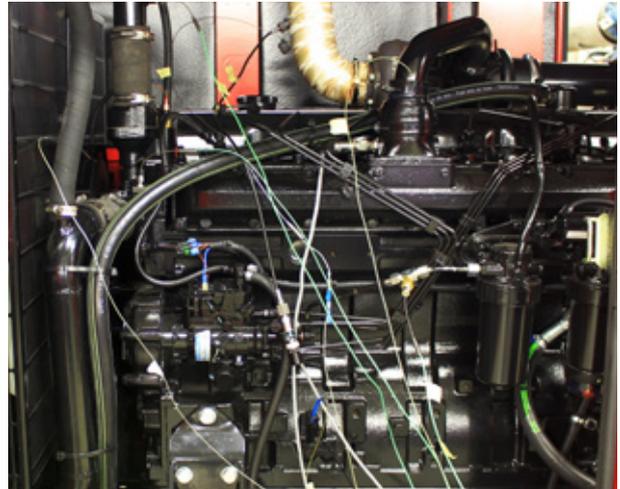
Continuous operating power in accordance with the ISO standard. Suitable for supplying a variable load without maximum run time limits in lieu of the grid. 10% overload capability for one hour every 12 hours.

Standby rating LTP (maximum back-up power)

Power corresponding with maximum fuel feed (ISO Fuel Stop Power). Suitable for supplying back-up power at a variable load in an area with a reliable grid. No overload capability.



Tested for function and durability



The back-up power must work, when it is needed. To ensure this AGCO Power uses only tested solutions and high quality components.

AGCO Power invests in building high-quality generator sets. For each delivery we test and verify all the functions and promised quality to guarantee a long service life.

Some of the back-up power systems in use in Finland date back to the 1970s, providing many examples of their testing in real, demanding Nordic conditions, along with constantly updated experience.

Globally trusted engines

AGCO Power engines represent cutting-edge technology and meet all the emission regulations. They have strong torque even at low engine speed and effective vibration damping. The engines are low-maintenance and have a famously long service life.



Gensets are available with synchronisation

The national grid has a lot of power everywhere how stable or unstable it may be. Connecting an unsynchronised power machinery to the grid will cause an accident, always.

Having a synchronised backup you can have your process up and running continuously even if the national grid is struggling to get up.

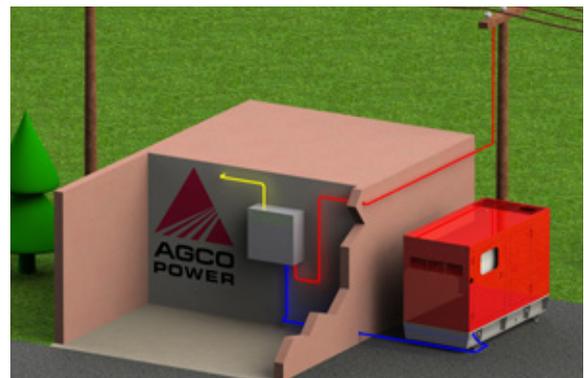
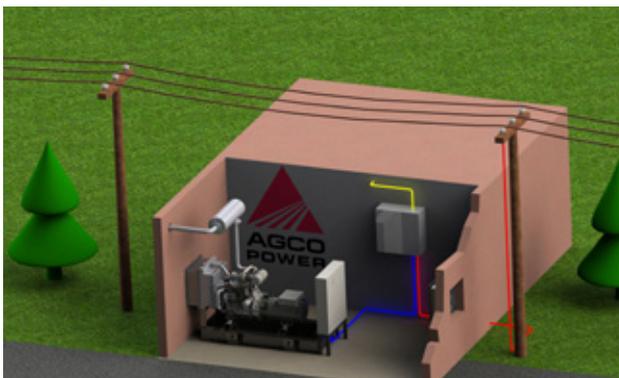
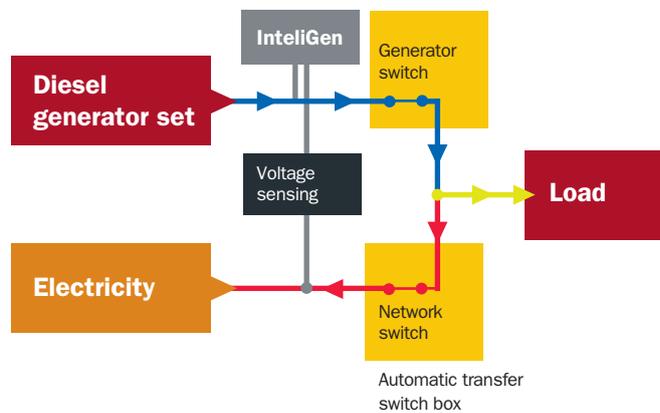
AG-series is designed to have easily added synchronization whereas on other manufacturers it is an expensive feature if it's even available. Synchronisation extends the service life of the diesel engine by having the ability to do test runs in parallel with the grid with set loads.

All of our gensets with synchronisation can also be used for peak shaving. Peak shaving can be set on manually or with automatic settings.



Synchronising power station

A synchronising power station can be tested without outages.



Experience and evolving outlooks

The history of AGCO Power is also a significant slice of the history of Finnish industry, which has internationalised at a fast pace.

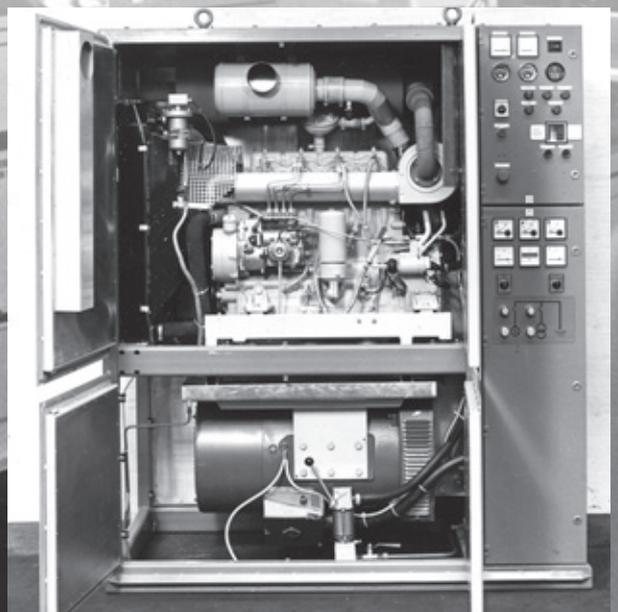
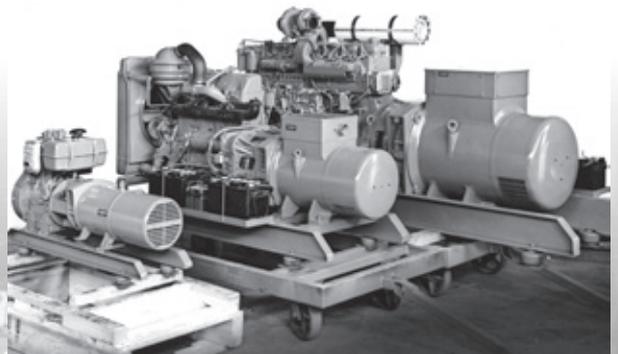
AGCO Power's diesel engine factory has been operating in Linnavuori, Nokia for 70 years. It all started with a state-owned company that started manufacturing airplane engines during World War II.

The manufacturing of diesel engines started in 1952 under the name Valmet. The ownership has changed several times over the years. Past owners include companies such as Patria, Partek and Kone. AGCO gained ownership in 2004. In 2008, the company name was changed from Sisu Diesel to AGCO SISU POWER, and in 2012 it was changed to AGCO Power.

AGCO Power is currently one of the leading diesel engine manufacturers in the world. AGCO Corporation, on the other hand, is one of the largest developers and manufacturers of agricultural machines. The AGCO family includes such brands as Challenger, Fendt, GSI, Massey Ferguson and Valtra. Its products and well-known brands are sold in more than 140 countries.

High expertise for demanding customers

Our customer demand high expertise. Satisfaction and quality are guaranteed through continuous product development and professional competence tested over several decades.



**Leading the Way.
Fearlessly.**



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