

Guidance Book

ISO 9001
BUREAU VERITAS
Certification



As an ISO 9001 certified company we can ensure that every one our customers receives a generator of superior quality that has been tested rigorously prior to shipment. The certification is a result of our commitment to continuous improvement and guarantees quality in the processes of design, manufacture and marketing of all AGG Power units. This standard entails the inspection of each component and meticulous control over every phase from the start of the production line. Each department, from sales to the assembly line, complies with the specifications and has the full participation and involvement on behalf of the AGG Power personnel, whose main focus is always customer satisfaction.

AGG Power entire diesel generator sets complies with the CE making, which includes the following directives:

- 2006/42/EC Machinery safety.
- 2006/95/EC Low voltage
- EN 60204-1: 2006+A1:2009, EN ISO 12100:2010, EN ISO 13849-1: 2008, EN 12601: 2010

The rating is according to ISO 8528-1: + 25°C mASL; 30% relative humidity. The power losses please consultant AGG Power Technical Apartment.

PRP-ISO8528: prime power is the maximum power available during a variable power sequence, which may be run for an unlimited number of hours per year, between stated maintenance intervals. The permissible average power output during at 24 hours period shall not exceed 80% of the prime power. 10% overload available for governing purposes only.

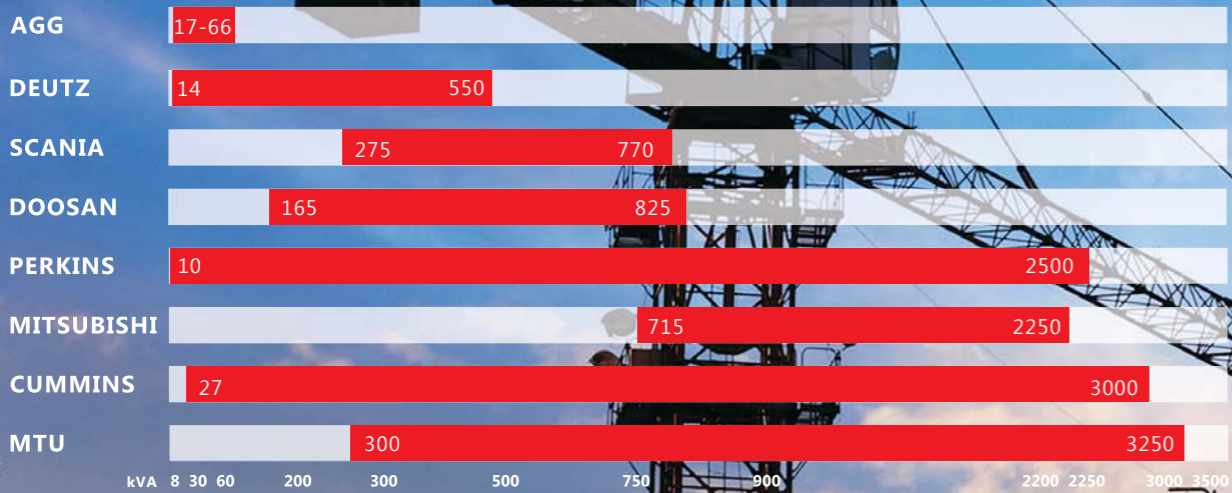
ESP-ISO8528: It is defined as the maximum power available, under the agreed operating conditions, for which the generating set is capable of delivering for up to 500 h of operation per year (of which no more than 300 for continuative use) with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. No overload capability is available.

AGG Power reserves the right to modify any characteristic prior notifice.

50HZ **T**

Three-phase
400V | Diesel

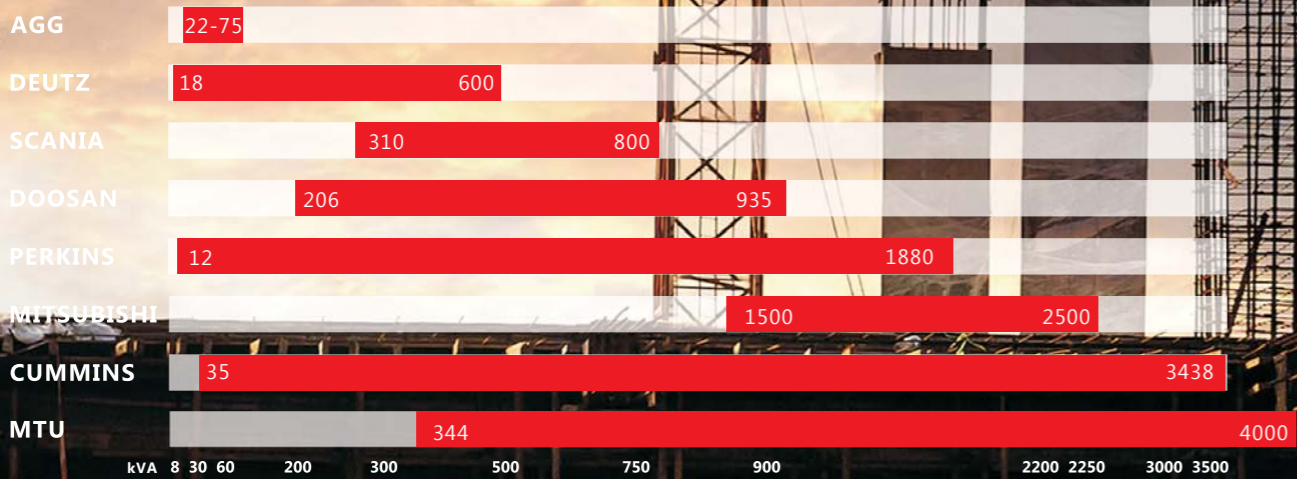
**STANDBY POWER
kVA**



60HZ **T**

Three-phase
220V/440V | Diesel

**STANDBY POWER
kVA**



OPEN SKID
GENERATOR SETS

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INDUSTRIAL
RANGE

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RENTAL RANGE

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HEAVY RANGE

pg.21

OPEN SKID GENERATOR SETS

Designed for those applications that require the equipment to be installed inside the facilities. Compact units that guarantee more power in less space allowing savings in transport and facilitating the installation even in reduced and hard-to-access spaces.



09
Battery isolator



10
Aviation plug for easier maintain and replace the control panel



Constructive Version



28-770kVA

800-3300kVA

9-22kVA

27-770kVA



A Series

28 to 3300 kVA

W Series

9 to 770 kVA

Industrial Range

**Efficient, Reliable & Dependable
on Site Power**

AGG Power diesel generator sets are engineered and supplied for a very diverse range of applications and users. The industrial range of AGG Power generating sets is mainly aimed at industries, aggregate quarries and mining, telecommunications, sale of energy, hotels, rural houses, agricultures, sea ports, military applications, forestry applications, etc. They usually work as the main source of supply in an installation where there is no mains electricity or it is too weak.

AGG Power has designed an industrial range of electrical generators as a solution which covers a wide range of powers. With a solid construction, a result of the R&D team's continuing research, and developing new protection elements against adverse environmental agents such as high temperatures (up to 50°), heavy rain and snow. The constructive shape of our canopy enables an extremely low level of noise emissions in our soundproof version.



10-75kVA



30-388kVA



275-935kVA



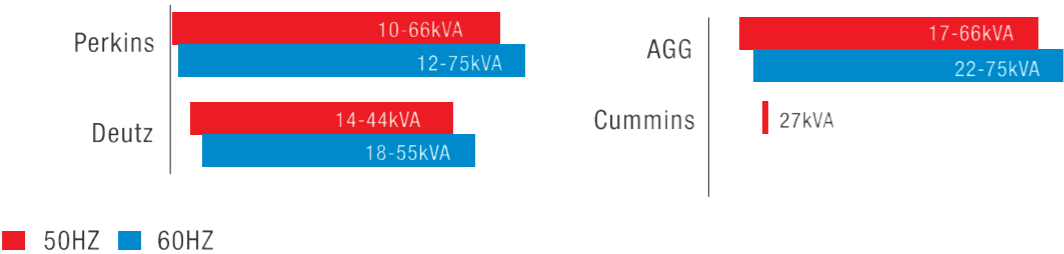
Industrial Range



D Series 10 to 75 kVA



Applied for



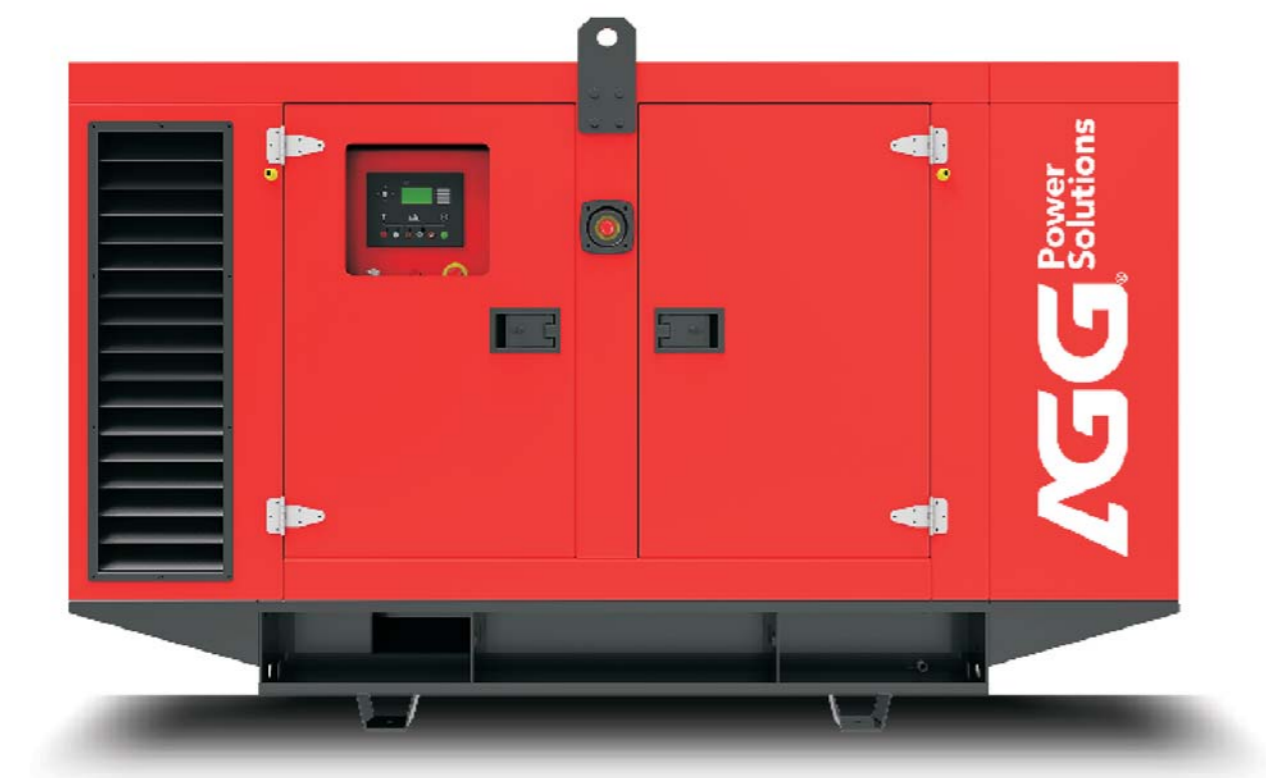
TECHNICAL FEATURES

- 1. Large service access doors.
- 2. Battery charging alternator with earth connection.
- 3. Double emergency push button.
- 4. VARTA brand maintenance-free battery.
- 5. High quality AVM.
- 6. Aviation plug for easier maintain and replace the control panel.
- 7. Sockets for easier connection.
- 8. Stainless hinges and keys.
- 9. Forklifts for easier transportation.
- 10. Outside fuel filler for easier fuel adding.
- 11. Rain-cap.
- 12. Lined with retardant sound absorbing cotton and air-proof rubber, which helps absorb massive noise and heat during the operation.

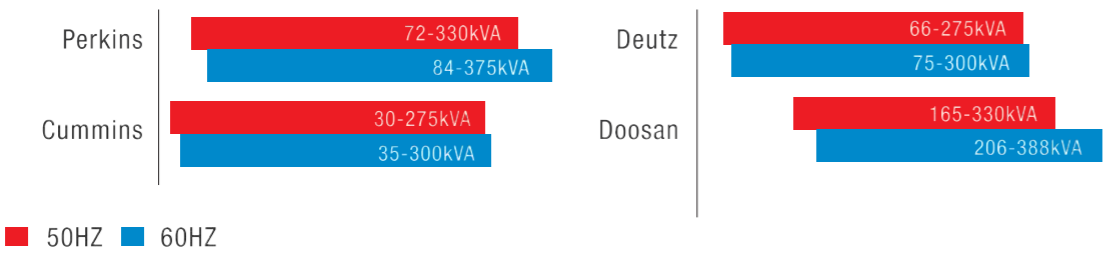
Industrial Range



G Series 30 to 388 kVA



Applied for



TECHNICAL FEATURES

1. Large service access doors.
2. Battery charging alternator with earth connection.
3. Double emergency push button.
4. VARTA brand maintenance-free battery.
5. Aviation plug for easier maintain and replace the control panel.
6. Hookings.
7. Changeable between open type and silent type.
8. With residential silencer system dramatically reduce the noise during the operation
9. Mechanical type and electrical type fuel level sensors for easier fuel level monitoring.
10. Lined with retardant sound absorbing cotton and air-proof rubber, which helps absorb massive noise and heat during the operation.
11. Standard equipped with MCB for safer operation.

Industrial Range



E Series 275 to 935 kVA



Applied for

Perkins	400-715kVA	Doosan	413-825kVA
	438-688kVA		450-935kVA
Cummins	275-713kVA	Scania	275-770kVA
	350-750kVA		310-800kVA
Deutz	330-550kVA	MTU	300-725kVA
	388-600kVA		344-750kVA

■ 50HZ ■ 60HZ



TECHNICAL FEATURES

- 1. Large service access doors.
- 2. Battery charging alternator with earth connection.
- 3. Double emergency push button.
- 4. VARTA brand maintenance-free battery.
- 5. Lifting bar for easier movement.
- 6. Aviation plug for easier maintain and replace the control panel.
- 7. Stainless hinges and keys.
- 8. High quality AVM.
- 9. Standard equipped with MCB for safer operation.
- 10. Forklifts for easier transportation.
- 11. Lined with 50mm high density mineral wool (200kg/cubic meter) to further lower noise, covered by non-woven fabric.

Rental Range

**Robust and compact,
ideal for rental applications**

The rental range of AGG Power generator sets, is aimed at temporary electrical supply, where the main applications are construction, public works, roads, underground constructions, concerts, celebrations, telecommunications, industries etc.

The rental range mainly stands out for its soundproof cabin designed and studied by our team of engineers to comply with the most rigorous specifications for noise emissions to the atmosphere.

It has a wide range of accessories to extend the maintenance processes when refilling fuel etc., according to electrical safety and environmental standards. This, together with a wide variety of options such as pre-filter system, plugs and types of electrical connection with an easy control panel.

The AGG Power generator set for rental is designed and manufactured with robustness and solidity for work in severe weather conditions, taking into account the accessibility to the different parts of the generator set, which make the maintenance tasks easier.

An important feature is the possibility of incorporating a mobile kit, either high or low speed.



AGG Power
Solutions

10-935kVA

Rental Range

R Series 10 to 935 kVA



Applied for

Perkins	10-715kVA
	11-688kVA
Cummins	27-713kVA
	35-750kVA
Deutz	14-550kVA
	18-600kVA

Doosan	165-825kVA
	206-935kVA
Scania	275-770kVA
	310-800kVA
MTU	300-725kVA
	344-750kVA
AGG	17-66kVA
	22-75kVA

■ 50HZ ■ 60HZ



TECHNICAL FEATURES

- 1. Large service access doors.
- 2. Battery charging alternator with earth connection.
- 3. Double emergency push button.
- 4. VARTA brand maintenance-free battery.
- 5. High quality AVM.
- 6. Aviation plug for easier maintain and replace the control panel.
- 7. Sockets for easier connection.
- 8. Stainless hinges and keys.
- 9. Standard equipped with MCB for safer operation.
- 10. Forklifts for easier transportation.
- 11. Lined with 50mm high density mineral wool(200kg/cubic meter) to further lower noise,covered by non-woven fabric.

Heavy range

Excellent in Diesel Power Generation

AGG Power has transferred its experience in the energy sector to the heavy range, adapting existing models and developing new solutions of heavy range for extreme situations both in medium and low voltage.

Heavy range is a generating set in a container which stands out for being versatile, easy to adapt, transport, install, easy commissioning and on site set up assistance.

Heavy range diesel generator sets designed for being connected in a quick and immediate way to the power supply, is built in ISO container with isolated walls and roofs sound proof through rock wool. The materials that include the container are water proof resistant and covered with a coat of painting resistant to the corrosion. The product offers easy access to the interior thanks to the strategic distribution of its access, including the security exits and guaranteeing the lightening for maintenance assistance.



10-2500kVA

715-4000kVA

Heavy Range

Open Skid 10 to 2500 kVA



Applied for

Perkins	10-2500kVA
	11-1875kVA

■ 50HZ ■ 60HZ



TECHNICAL FEATURES

1. Emergency push button.

2. High quality AVM.

3. Digital control panel.

4. Maintenance-free battery.
5. Exhaust fan are guarded

6. Standard with battery charger.

7. Battery isolator to protect the gensets.

8. 50 degrees centigrade radiator.

Heavy Range

C Series 715 to 4000 kVA



Applied for

Cummins

825-3000kVA

750-3438kVA

Mitsubishi

715-2250kVA

1500-2500kVA

Perkins

825-2500kVA

825-1880kVA

MTU

880-3250kVA

875-4000kVA

■ 50HZ ■ 60HZ



TECHNICAL FEATURES

- 1.ISO standard 20'-40' container.
- 2.Reinforced doors with anti-vandalism locks.
- 3.Lockable side doors with panic release.
- 4.Standard with battery isolator.
- 5.Standard with maintenance-free battery.
- 6.Standard 4-point lift for transportation and on-site installation.
- 7.Emergency stop button.
- 8.External ports of fuel , oil and coolant.
- 9.Tailor made solutions with large options.
- 10.2 end doors and 2 lateral doors.



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