

10 - 2000 kVa
Generating Sets (Close type)

**WE
POWER
YOU**

Generators

Complete Range of







50/60 Hz from 10 - 2000kva

ideal for

*Telecommunication, Construction
and Retail Market*



Characteristic

-  In conformity with the European Directive which apply
-  Current output protected by a circuit breaker
-  Electric Start
-  Acoustic power of the generating set attesting to conformity with the 2001/14/EC directive
-  No load wire volts max undulation ratio within 0.5%
-  12 or 24V Starting and battery charging system



Standard Features

1. Silencer / 2. Airflow Pipe / 3. Radiator / 4. Alternator / 5. Airflow Pipe (output)
6. Water intake pipe / 7. Turbocharger / 8. Engine / 9. Water Filling / 10. ForkLift
11. Motor / 12. Base Tank / 13. Dry Air Filter / 14. AC Generator / 15. Control System /
16. Emergency Stop Button / 17. Wires Input / 18. Air Outlet Grill / 19. Kickrand

Ease of Operation

Base Mounted Fuel Tank

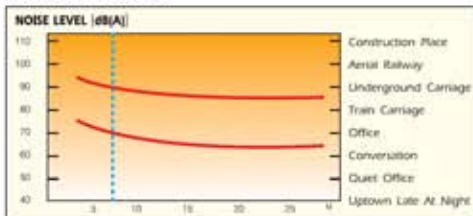
- The canopies are equipped with large capacity base mounted fuel tanks to prevent fuel spills inside the enclosure. The locking fuel cap is placed to avoid damage and to simplify refuelling.
- AC fuel injection pump with electrical governor



Environmental

Super Quiet Performance

- Oversized Muffler. Oversized muffler results in lower sound levels.
- Noise Absorbing Ducting. The sets have attenuation on all Air Inlets and Outlets.
- A.V. M. and high-strength material. The frame and canopy are built with high-strength material. All doors and movable fixtures are engineered to minimize vibration.
- Absorbent Cotton. The interior is lined with a special vibration absorbent, open-cell polymer material to cancel acoustic vibrations.



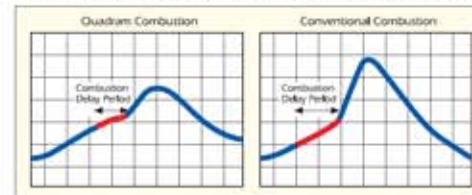
Reduced Air Inlet Noise

A longer air filter inlet hose is used to keep the low frequency noise down, and the unit's airflow has been engineered to provide proper cooling at an absolute minimum noise level.



High Reliable

- Perkins engine. Powered by Perkins four-cycle industrial engines.
- Quadram. With the help of Quadram piston, the ignition delay, in-cylinder pressure ratio and peak pressure are decreased, which results in less noises and lower mechanical stress, as well as better reliability and durability.



- Stamford/ Leroy Somer alternator. PMG design, Class 'H' insulation, standard degree of protection in IP23, and AVR is Standard.
- Good Cooling System. Special cooling system designed to decrease the temperature.
- Anti-Vibration Mounts. Rubber diagonal isolators are specially designed to reduce vibration and prevent distortion and harmonics output of the generator.
- Highly Corrosion Resistant Construction. The canopy is manufactured with a steel outer skin, and is lined with fire proof, acoustic material. Powder plated steel fasteners and locks.

Automatic Start System

- Starting and battery charging systems are either 12 or 24 volts, depending on model.
- Wiring and space have been provided as standard equipment for standby applications.



Convenient Water Filling System

There's a water feeder on top of the gen set, which makes the water filling easily, capped with a plug when not using to prevent the rain in pouring.



Locking Control Panel Door

- A viewing pane for the instrument panel shields the system from the elements and permits observation of all key functions without opening the door.
- Current selector switch, voltage adjuster and main circuit breaker are all protected behind a lockable door.



Curbside Power Connection

- Direct connections are labelled L1, L2, L3, N, and are guarded by a clear cover that has test meter probe
- GFCI convenience and 50 amp twist lock connections are protected with a guard that is secured for safety during operation, yet allows easy access to connections during setup.
- Standby connections are designed in the side face.



Compact and Easy to Transport

- The advanced design and superior engineering minimizes both space and weight.
- Transportability is improved with flying rings on top of the machine for transportation.



Increased Safety

PC Control and Protection

Fully PC or front panel configuration, automatic shutdown on fault condition.

Item	Operation Display	Engine Stop	Load Interruption	Multi-function Display
Low oil pressure	STD	---	---	STD
High water temperature	STD	---	---	STD
Overcurrent	---	STD	---	---
Electric leakage	---	STD	---	---
Local/remote charging	STD	---	---	STD
Low fuel level	---	---	---	STD
Plugging of an breaker	---	---	---	STD
Stop in fuel filter head	---	---	---	STD
Overheated	STD	---	---	---

Safe Enclosure

Large, removable doors feature heavy-duty steel hinges and recessed locking door latches safeguard against unauthorized use, allow safe, unattended operation and easy maintenance.



Emergency Stop

Emergency Stop button is located below the door for easy accessibility at all times.



Carefree Maintenance

Wide doors allow easy access for cleaning and repair. Engine oil and coolant drain extensions are provided to ease scheduled maintenance. Oil gauge, filter, oil replacement port, fuel filter, water reserve tank, battery and air filter are all located on one side for quick inspection and maintenance.