



OREFICE Newton SF150.5LS35 Generator ULTRA-Silent 150 KVA Stage V

Reference: SF150.5LS3

OREFICE Newton SF150.5LS35 150KVA ULTRA-Silent StageV Generator Set

OREFICE Newton SF150.5LS35 150KVA ULTRA-Silent StageV Generator Set is a high-end three-phase diesel power solution, designed to offer exceptional performance in terms of power, quietness, and environmental friendliness. With a continuous service power of 150 kVA (120 kW) and a standby power of 165 kVA (132 kW), this generator set is ideal for applications requiring reliable and constant power, such as construction sites, outdoor events, healthcare and industrial facilities.

Key Features of OREFICE Newton SF150.5LS35 150KVA Generator Set:

FPT (Iveco) Stage V Engine:

Equipped with a state-of-the-art FPT diesel engine, compliant with stringent Stage V Rhos 2 (DOC+DPF+SCR-T) standards, for reduced environmental impact.

The electronic injection system and electronic speed governor ensure optimal efficiency and operational stability.

Water cooling ensures reliable performance even under high load conditions.

High-Quality Alternator:

The alternator, produced by leading brands such as Pellizzari, Mecc Alte, or Leroy Somer, is synchronous, three-phase, 4-pole, and brushless.

Insulation class H and protection rating IP23 ensure long life and durability.

The automatic voltage regulator ensures stable and constant voltage.

Advanced AMF Electrical Panel:

The main electrical panel, integrated into a robust metal box, is complete with electrical and electronic devices, battery charger, and 4-pole magnetothermic circuit breaker.

The control unit, with integrated AMF functions, allows automatic and manual operation, as well as management of network and generator set parameters.

Ultra-Quiet Operation:

The soundproof canopy made of pre-folded galvanized steel sheet, powder-coated in Graphite Grey RAL7024, minimizes noise.

The multilayer sound-absorbing material and tubular gaskets ensure a sound level of only 54 dB(A) +/- 3 at 7 meters.

The 4 access doors with locks and the control panel access door with window facilitate maintenance and monitoring.

Robust and Autonomous Design:

The intermediate base and base frame in pre-folded steel sheet, powder-coated in black RAL9005, offer a solid and durable structure.

The integrated 700-liter tank ensures high autonomy.

Included Options:

Engine liquid heater.

Technical Specifications:

Continuous service power: 150 kVA / 120 kW

Standby service power: 165 kVA / 132 kW

Engine: FPT (Iveco)

Emission standard: Stage 5

Cooling: Water

Engine speed: 1500 rpm

Injection system: Electronic

Speed governor: Electronic

Alternator: Pellizzari, Mecc Alte, Leroy Somer or equivalent

Alternator type: Synchronous, 4-pole, three-phase, single bearing, brushless

Alternator insulation class: H

Alternator protection rating: IP23

Alternator voltage regulator: Automatic

Electrical panel: Metal box

Electrical panel devices: Electrical and electronic devices, battery charger, 4-pole magnetothermic circuit breaker

Control unit: AUT, integrated AMF functions

Operating mode: Automatic and manual

Soundproof canopy: Pre-folded galvanized steel sheet

Canopy coating: Powder-coated, Graphite Grey RAL7024

Sound-absorbing material: Multilayer, fire-resistant

Access doors: 4 with locks, 1 with window and lock for control panel

Sound level: 54 dB(A) +/- 3 at 7 meters

Base and frame: Pre-folded steel sheet

Base and frame coating: Powder-coated, black RAL9005

Integrated tank: 700 liters

Included options: Engine liquid heater

Voltage: 400V/230V

Frequency: 50Hz

Engine speed: 1500 rpm

Looking for a generator set with different technical characteristics? [HERE](#) you can find the area dedicated to OREFICE generator sets or other specialized brands.

Images and technical data are not binding. Always consult the technical data sheet issued by the manufacturer. Manel Service does not assume responsibility for any changes made by the manufacturer.

Technical Sheet

| Phase | Single phase / Three phase |
|------------------------|------------------------------------|
| Fuel | Diesel |
| Frequency (Hz) | 50 |
| Voltage (V) | 230 / 400 |
| Engine | FPT IVECO |
| Engine rpm (rpm) | 1500 |
| Starting system | Elettrico |
| Cooling | Water |
| Alternator | Pellizzari, Mecc Alte, Leroy Somer |
| Protection degree | IP23 |
| Motor insulation class | H |
| Fuel tank capacity (L) | 700 |
| Acoustic pressure | 54 dB(A) at 7 m |
| Length (mm) | 4000 |
| Width (mm) | 1800 |
| Height (mm) | 2415 |
| Product type | Generator |
| Continuous power [kW] | 120 |
| Maximum power (KW) | 132 |
| Continuous Power (KVA) | 150 |
| Maximum Power (KVA) | 165 |