



WHISPER ELITE 15 GENERATOR 15KVA SINGLE-PHASE STAGE V

Reference: 49007020

WHISPER ELITE 15 VEHICULAR GENERATOR 15KVA SINGLE-PHASE INVERTER STAGE V

WHISPER ELITE 15 Single-phase vehicular generator with Kubota D1105 StageV / EPA Tier 4 diesel engine, delivers a power of 8KVA, complete with INVERTER voltage regulator.

The ELITE 15 generator is a combination of a diesel engine with an integrated alternator and an inverter. The key feature of this technology is the quality of the output combined with the peak power capacity. Within a certain window of the diesel engine's rotational speed, the PMG provides the correct power quality to run comfort equipment such as washing machines, air conditioning, electric cooking devices and various other AC appliances.

The WHISPER ELITE 15 diesel generator comes complete with all the necessary fittings to connect the generator to the fuel tank, the necessary hoses to connect the engine to the cooling system, the cables to connect the starting engine to the starting battery, and the electrical wiring to connect the Piccolo to the on-board power system.

Devices such as air conditioners and electric motors are often controlled by electronics to improve efficiency and performance. Conventional generators can fail to operate these devices. All Piccolo models are equipped with a PMG (Power Module Genverter®) to ensure that the voltage and frequency in the speed range remain perfect so that all equipment continues to run without interruption.

The Elite 15 is extremely compact and can be installed in the smallest of places. Only a small amount of air ventilation is required, as the entire generator, including the alternator, is water-cooled.

STAGEV / EPA Tier 4 EMISSION STANDARDS

The WHISPER ELITE 15 Mobile Generator is equipped with "mobile" STAGEV engines, as required by European Regulation 2016/1628. These new engines reduce the generator's emissions of particulate matter and nitrogen oxides into the environment exponentially, and guarantee a 200% reduction in environmental impact compared to standard engines.

Only the best 3-cylinder engines are used: long-lasting, reliable and quiet engines that comply with EPA /Tier 4 (US standard) and Stage V (European standard). The engine and PM alternator back-end are connected in a single cooling circuit and kept at a constant temperature by means of a heat exchanger.

TECHNICAL CHARACTERISTICS WHISPER ELITE 15

Intermittent power kW at 25°C (77°F) 12.5 kW
Continuous power kVA at 25°C (77°F) 15 kVA
Rated voltage / Frequency 1 Phase | 230 VAC | 50 Hz
Phase / Wires 1 Phase, 3 Wires
Inverter module PMG frame 3 (1 Phase)
Sound level 54 dB(A) at 7 m, 65 dB(A) at 1 m

RPM range 2200 ... 3200 rpm, adjustable
 Alternator technology Permanent magnet
 Generator cooling Radiator / liquid-cooled
 Generator control DDC
 Control panel DDC Local + DDC Remote
 Peak power 2 s 200%
 Harmonic distortion
 Frequency tolerance +/- 0.1%
 Kubota D1105 WhisperPower motor
 Engine family PKBXL01.5DCB
 Emission class: Stage V certified / EPA / Tier 4
 Displacement 1123 cc
 Cylinders 3
 Bore and Stroke, mm (in.) 78 x 78.4 (3.1 x 3.1)
 Compression ratio 24.0
 Air consumption
 Cooling system Radiator
 Fuel consumption (no load - full load) 4.2 - 5.6 l/hr
 Method/current of charging the starter battery Alternator 12 V / 40 A

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Images and technical data are not binding.

Technical Sheet

Phase	Single phase
Continuous power single phase (KW)	12.5
Continuous power single phase (KVA)	15
Frequency (Hz)	50
Voltage (V)	230
Engine	Kubota D1105
Emissions Regulations	Stage 5
Engine rpm (rpm)	2200 - 3200
Engine capacity (cm ³)	1123
Number cylinders	3
Cooling	Coolant Liquid
Acoustic pressure	54 dB(A) at 7 m
Length (mm)	880
Width (mm)	570
Height (mm)	690
Dry weight (Kg)	210
Silenced	Yes
Super silenced	Yes

Product type	Generator
Engine manufacturer	Kubota
