



# GENERATOR PTO SINGLE PHASE / THREE PHASE 55KVA

## Product description:

### GENERATOR PTO SINGLE PHASE / THREE PHASE 55KVA

Generator PTO Single-phase / three-phase, equipped with a LINZ PRO18LG/4 alternator capable of delivering a power of 55KVA, complete with **AVR voltage regulator**.

The PTO generator is very reliable as it has been built and designed using high quality materials. The PTO generator is easy to transport, install and position thanks to its compact size, this model is ideal to be mounted on a tractor unit.

For correct operation, the generator needs to be connected to a tractor capable of delivering a mechanical power of at least 100 HP and a PTO speed of at least 430 rpm. The minimum parameters indicated are necessary for the correct functioning of the PTO generator, if they are not respected it is possible to cause malfunctions in the equipment.

The AVR is indispensable to make the generator work at its best, in fact it needs an electronic control system, an AVR, which guarantees the good working of the machine and of the electric network underlying it.

The purpose of the AVR, in a current generator, is to keep the output stable. And if its operation is very simple when resistive loads are fed, more complex is the matter in case of prevalently inductive loads: the delayed current opposes the inductor magnetic field, causing a voltage drop at the alternator output terminals; to compensate the phenomenon, the AVR intervenes automatically increasing the excitation current, until the output returns to the nominal value.

The generator is equipped with an electrical panel complete with:

- Magnetothermic switch
- Differential
- Socket 63 A 400 V





- Socket 16 A 230 V
- Digital module E31 complete with: Voltmeter, Frequency meter and Hour counter

## TECHNICAL FEATURES

Phase type: Single-phase / Three-phase

Maximum threephase power: 55KVA / 44KW

Continuous threephase power: 50 KVA / 40KW

Maximum singlephase power: 39KVA / 31.2KW

Continuous power singlephase: 30KVA / 24KW

Voltage: 230 - 400 V

Frequency: 50 Hz

Engine revolutions: 1500 rpm

Necessary tractor power: 100 hp

Socket revolutions force: 430 rpm

Alternator: LINZ PRO18LG / 4

N ° of poles: 4

Insulation class: H

Protection class: IP 23

Voltage regulator: AVR

Length: 1140 mm

Width: 750 mm

Height: 1065 mm

Weight: 395 Kg

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Images and technical data are not binding and may be subject to revisions by the manufacturer.

### Product features:

Phase: Single phase / Three phase

Maximum power single phase (KW): 31.2

Continuous power single phase (KW): 24

Maximum power single phase (KVA): 39

Continuous power single phase (KVA): 30

Maximum power three phase (KW): 44

Continuous power three phase (KW): 40

Maximum power three phase (KVA): 55

Continuous power three phase (KVA): 50

Frequency (Hz): 50

Voltage (V): 230 / 400



Engine rpm (rpm): 1500  
Alternator: LINZ PRO18LG/4  
Poles: 4  
Protection degree: IP23  
PTO speed (round/min): 440  
Required tractor power: 100 Hp  
Length (mm): 1140  
Width (mm): 750  
Height (mm): 1065  
Dry weight (Kg): 395  
Silenced: No  
Super silenced: No  
Voltage regulator: AVR