



GENERATOR PTO SINGLE-PHASE / THREE-PHASE 75 KVA AVR

Reference: PTO75MTF

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Generator PTO Single-phase / three-phase capable of delivering 75 KVA power with 1500 rpm tractor coupling, complete with AVR voltage regulator.

The AVR regulator makes it possible to stabilize the voltage and avoid damage to connected sensitive devices. The gimbal-mounted generator is very reliable as it is built and designed using top quality materials.

Easy to transport, install, and position due to its compact size, this model is ideal for mounting on a tractor unit. The PTO shaft generator has a required tractor power of 130 HP and a PTO speed of 395 rpm. Professional tractor unit making it one of the best choices compared to its competitors. The PTO shaft generator has a sturdy structure with protective frame.

The voltage regulator, applied to synchronous power generators, aims to maintain constant operation of the machine, at its most efficient speed. Generally, this means keeping the power factor at values close to 1, but if the synchronous machine is also used to rephase other consumers in the same settlement, these values may vary.

If the current generator has an excitation current value lower than the nominal value, the AVR will draw current later than the voltage; if the value is higher, the AVR will draw current earlier. This is the main purpose of the instrument in question.

TECHNICAL FEATURES:

Phase Type: Single Phase / Three Phase
Continuous power: 75 KVA / 60 KW
Emergency power: 82.5 KVA / 66 KW
Voltage: 230 / 400 V
Frequency: 50 Hz
Motor RPM: 1500 rpm
Tractor power required: 130 hp
PTO revolutions: 395 rpm
Gearbox ratio: 1:3.8
Gearbox oil capacity: 1 Lt
Alternator: Linz, self-excited, brushless
Voltage regulator: AVR
Length: 1150 mm
Width: 950 mm
Height: 1000 mm
Weight: 440 kg

Sockets:

- No.1 CEE 125A 5P 400V socket and No.1 CEE 16A 3P 230V socket

- Circuit breaker and differential

Looking for a product with different technical characteristics? [HERE](#) you can find the full range of gimbal gensets from specialized brands.

Non-binding images and technical data.

Technical Sheet

Phase	Single phase / Three phase
Maximum power three phase (KW)	66
Continuous power three phase (KW)	60
Maximum power three phase (KVA)	82.5
Continuous power three phase (KVA)	75
Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	1 x 400V 32A 5P CEE - 1 x 230V 16A 3P CEE
Engine rpm (rpm)	1500
Oil capacity (L)	1
Alternator	Brushless
Poles	4
Protection degree	IP21
PTO speed (round/min)	395
Required tractor power	130 HP
Transmission ratio	1 : 3.8
Length (mm)	1150
Width (mm)	950
Height (mm)	1000
Dry weight (Kg)	440
Silenced	No
Super silenced	No
Voltage regulator	AVR