



# TECNOGEN AP80TL-IPE SINGLE-PHASE / THREE- PHASE PTO SHAFT GENERATOR 80,0KVA

## Product description:

### TECNOGEN AP80TL-IPE SINGLE-PHASE / THREE-PHASE PTO SHAFT GENERATOR 80,0KVA

The TECNOGEN AP80TL-IPE single-phase / three-phase cardan generator is capable of delivering a power of 80.0KVA with IP44 protection suitable for outdoor use.

The generator is composed of a casing with IP44 anti-splash protection degree and an electrical panel with IP54 protection degree, which makes it possible to use it effectively without the fear of bad weather or possible short-circuits in wet working conditions or in the presence of water.

The 80,0KVA PTO shaft generator is composed of a frame on which is placed an alternator that can be connected to the tractor by a special speed increaser on one side, while on the opposite side it is provided with an electric board with sockets composed of 1x63A + 1x16A 5-p 6H 1xSchuko 16A/230V - 1x125A 5-p 1H.

The frame of the 80,0KVA generator with cardan shaft has been designed to allow it to work in the best way without being subject to strong vibrations that can compromise its reliability, in addition, it is very simple and practical to connect it to the lifting system and to the power take-off, which determines a manageable use without too many troubles.

The TECNOGEN AP80TL-IPE PTO generator is equipped with safety systems such as: the PTO guard, to protect the coupling from foreign bodies or from possible accidental contacts by the user and the magnetothermal and differential protection that allows the of the generator in case of short circuit.

The TECNOGEN Generator with cardan shaft is driven by means of a cardanic coupling thanks to the action of the P.T.O. (Power Take Off) of an agricultural tractor through the direct coupling to the cardan shaft. The whole is fixed on a sturdy metal frame to protect the alternator and allow



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for more convenient use.

The TECNOGEN PTO shaft generator, in order to function correctly, needs to be connected to a tractor capable of delivering a power equal to or greater than 160 Hp.

The TECNOGEN AP80TL-IPE cardan generator is equipped with a digital multi-instrument with three displays for V, HZ, A and Counter that allows the user to verify, in real time, the correct functioning of the unit.

## TECHNICAL FEATURES OF GENERATOR TECNOGEN AP80TL-IPE 80,0KVA

SinglePhase / ThreePhase

Maximum SinglePhase Output: 26.6KVA / 21. 3KW

Maximum Threephase Output: 80.0KVA / 64.0KW

Voltage: 230 / 400 V

Frequency: 50 Hz

1500 rpm

Socket configuration: 1x63A + 1x16A 5-p 6H 1xSchuko 16A/230V - 1x125A 5-p 1H

Voltage controller: AVR

Tractor power: >160 HP

Power take-off: 1" 3/8 Z6

Power take-off RPM: 430

Class: IP 44

Length (mm): 1300

Width (mm): 850

Height (mm): 1100

Dry weight (Kg): 615

If you are looking for another product then you can see on our catalog other [cardan shaft generators](#).

Images and technical data are not binding.

### Product features:

Phase: Single phase / Three phase

Maximum power single phase (KW): 21.3

Maximum power single phase (KVA): 26.6



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Maximum power three phase (KW): 64

Maximum power three phase (KVA): 80

Frequency (Hz): 50

Voltage (V): 230 / 400

Sockets configuration: 1x63A + 1x16A 5-p 6H 1xSchuko 16A/230V - 1x125A 5-p 1H

Engine rpm (rpm): 1500

Poles: 4

Protection degree: IP44

PTO speed (round/min): 430

Minimum tractor output (HP): 160

Length (mm): 1300

Width (mm): 850

Height (mm): 1100

Dry weight (Kg): 615

Voltage regulator: AVR

