



## Generator Cardano 40kva single/Three-phase 40KVA AVR

Reference: PTO40KVA

### GENERATOR CARDANO SINGLE-PHASE / THREE-PHASE 40KVA AVR

Generator Cardano 40kva single-phase/ Tree-phase, generator with 3000 rpm tractor coupling, delivers 40KVA power and is complete with AVR voltage regulator.

The Cardano generator 40kva is easy to transport, install and position due to its compact size, this model is ideal for mounting on a tractor unit. The Cardano 40kva generator has a required tractor power of 75 HP and a PTO speed of 435 rpm.

These compact, robust and easy-to-use cardano gensets come complete with a 3-point hitch base for secure attachment to any tractor.

The drive is transmitted via the universal joint (not included), which is connected to the generator multiplier.

The tractor mounts are primarily designed for farms, ranches and alpine pastures, but can easily be adapted to any emergency situation.

The voltage regulator, applied to synchronous current generators Cardano 40kva, aims to maintain constant operation of the machine at its most efficient speed. Generally, this means maintaining the power factor at values close to 1, but if the synchronous machine is also used to phase other consumers in the same settlement, these values may vary.

#### Technical characteristics Cardano GENERATOR 40kva:

Phase type: Single-phase / Three-phase  
Continuous power: 40 KVA / 32 KW  
Emergency power: 44 KVA / 35.2 KW  
Voltage: 230 / 400 V  
Frequency: 50 Hz  
Engine speed: 3000 rpm  
Tractor power required: 75 hp  
PTO revs: 435 rpm  
Gearbox ratio: 1:6.9  
Gearbox oil capacity: 0.5 Lt  
Alternator: Zanardi, self-excited, with brushes  
Voltage regulator: AVR  
Length: 950 mm  
Width: 850 mm  
Height: 800 mm  
Weight: 233 kg

Looking for a generator Cardano product with different technical characteristics? [HERE](#) you can find gensets or other specialised brands.

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

## Technical Sheet

Phase	Single phase / Three phase
Maximum power three phase (KW)	35.2
Continuous power three phase (KW)	32
Maximum power three phase (KVA)	44
Continuous power three phase (KVA)	40
Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	1 x 400V 32A 5P CEE - 1 x 230V 16A 3P CEE
Engine rpm (rpm)	3000
Oil capacity (L)	0.4
Alternator	With brushes
Poles	2
Protection degree	IP21
PTO speed (round/min)	440
Required tractor power	75 HP
Transmission ratio	1 : 6.9
Length (mm)	950
Width (mm)	950
Height (mm)	900
Dry weight (Kg)	233
Silenced	No
Super silenced	No
Voltage regulator	AVR