



# RENTAL GENERATOR 45P SINGLE-PHASE / THREE-PHASE 45 KVA 50/60 Hz AVR AUTOMATIC PANEL

## Product description:

GENERATOR RENTAL 45 KVA SET 45P SINGLE-PHASE / THREE-PHASE 50/60 Hz AVR AUTOMATIC PANEL

GENERATOR RENTAL 45 KVA set 45P single-phase / three-phase, equipped with PERKINS 1103A-33TG1 Diesel engine, 1500-1800 rpm, able to deliver a maximum power of 55KVA, complete with AVR voltage regulator and ATS automatic start panel.

The GENERATOR 45 KVA set 45P consists of a soundproof and weatherproof cabin, made of structural steel sheet, thickness included between 1.5 and 4.5 mm, painted with epoxy powder RAL5015 textured. The internal covering material is made of soundproofing material with high noise reduction, finished with water-repellent and anti-oil material.

## AUTHOMATIC TRANSFER SWITCH ATS

The GENERATOR 45 KVA 45P rental generator set comes complete with an ATS authomatic transfer switch. You won't have to worry about blackouts anymore because if the mains fails, this panel will automatically start the GENERATOR 45 KVA 45P and allow you to continue your activity without losing your work data.

## RENTAL SERVICE

Rental a generator set 45P has never been so easy: choose the product you want to rent and FILL OUT THE FORM.

Our specialized staff will answer you immediately with the most suitable offer for you!



The equipment available for rental can be shipped throughout Italy and is always ready for action: our team of technicians will always keep it in perfect working condition.

It is advisable to book in advance for the rental of large quantities of machines: this is especially important during trade fairs or events, where many people will be using the rental service.

### Voltage Regulator AVR

The 45P generator set comes complete with a 120-litre tank, has a fuel consumption of 9.9 litres/hour at 75% load for an autonomy of more than 12 hours. The alternator is synchronous, self-excited, self-regulated, brushless with class H insulation with AVR voltage regulator.

The 45P is equipped with a voltage regulator. The AVR is a device that allows you to **keep the output more constant and less dependent on the load**. Thanks to this card you have fewer drops or spikes in current and this makes it safer to use the various devices connected, improving performance and durability.

### TECHNICAL SPECIFICATIONS GENERATOR RENTAL 45 KVA 45P SET:

Phase Type: SinglePhase / ThreePhase

SinglePhase Continuous Power:

(50 Hz) 15KVA / 12KW

(60 Hz) 16.6KVA / 13.3KW

Maximum SinglePhase Power:

(50 Hz) 16.5KVA / 13.2 KW

(60 Hz) 18.3KVA / 14.6 KW

ThreePhase Continuous Power:

(50 Hz) 45 KVA / 36 KW

(60 Hz) 50 KVA / 40 KW

ThreePhase Maximum Power:

(50 Hz) 49.5 KVA / 39.6 KW

(60 Hz) 55 KVA / 44 KW

Factor cos  $\phi$ : 0.8

Voltage VAC: 190÷230 / 380÷460 V

Frequency (Hz): 50 / 60

Voltage controller: AVR

Starting frame: Manual / Automatic

Motor: PERKINS 1103A-33TG1

RPM: 1500 - 1800

Supply: Diesel





Fuel tank capacity: 120 l  
Consumption@ 75 % of load: 8.2 l/h (1500 rpm) / 9.9 l/h (1800 rpm)  
Autonomy @ 75 % of load: 14.6 h (1500 rpm) / 12.1 h (1800 rpm)  
Acoustic pressure: 69 @ 7m  
Length: 2000 mm  
Width: 850 mm  
Height: 1275 mm  
Net weight: 930 Kg

Are you looking to rental a generator set with different technical characteristics? Here you can find our entire rental fleet where you can find the perfect generator for you.

The images are purely indicative.

#### Product features:

Phase: Single phase / Three phase  
Maximum power single phase (KW): 13.2 (50 Hz) / 14.6 (60 Hz)  
Continuous power single phase (KW): 12 (50 Hz) / 13.3 (60 Hz)  
Maximum power single phase (KVA): 15 (50 Hz) / 16.6 (60 Hz)  
Continuous power single phase (KVA): 15 (50 Hz) / 16.6 (60 Hz)  
Maximum power three phase (KW): 39.6 (50 Hz) / 44 (60 Hz)  
Continuous power three phase (KW): 36 (50 Hz) / 40 (60 Hz)  
Maximum power three phase (KVA): 49.5 (50 Hz) / 55 (60 Hz)  
Continuous power three phase (KVA): 45 (50 Hz) / 50 (60 Hz)  
Fuel: Diesel  
Frequency (Hz): 50 / 60  
Voltage (V): 190÷230 / 380÷460  
Sockets configuration: 1x230V schuko - 1x230V 16A 3P - 1x400V 16A 4P - 1x400V 16A 5P - 1x400V 32A 5P - 1x400V 63A 5P  
Engine: Perkins 1103A-33TG1, 4 stroke  
Engine rpm (rpm): 1500 - 1800  
Speed governor: Electronic  
Starting system: Manual / Automatic  
Engine capacity (cm³): 3300  
Number cylinders: 3  
Cylinders' position: In line  
Cooling: Water  
Alternator: Sincrono trifase, autoeccitato, autoregolato, senza spazzole  
Poles: 4  
Bore x stroke (mm): 105 x 127  
Fuel tank capacity (L): 120  
Consumption (L/h): 8.2 (1500 rpm) / 9.9 (1800 rpm)





Running time (h): 14.6 (1500 rpm) / 12.1 (1800 rpm)

Acoustic pressure: 69 dB(A) at 7 m

Length (mm): 2000

Width (mm): 850

Height (mm): 1275

Dry weight (Kg): 930

Silenced: Yes

Super silenced: Yes

ATS Switch device : Yes

Voltage regulator: AVR

Engine manufacturer: Perkins