



# VISA CK 21 GENERATOR SET SILENCED 20 KVA AVR

Product price:

**8.170,00 € tax excluded**

## Product description:

### GENERATOR VISA CK 21

The VISA CK 21 silenced overland generator set, with 20 KVA power in continuous use and AVR, mounts top brand components: the VISA CK 21 model uses a reliable PERKINS 404A-22G1 4-cylinder diesel engine.

The VISA CRICKET industrial power generators feature silenced enclosures and tropicalized treatment, making them suitable for use in hot climates; in particular the VISA CK 15 is water-cooled, which ensures excellent heat management.

The robust frame of the silenced VISA CK 21 genset contains a capacious 55-litre fuel tank, giving it over 13 hours of runtime at 75% load.

## Main advantages of choosing a VISA CK 21 industrial generator set

- 1 - Original industrial diesel engine with certificate of origin
- 2 - Brushless industrial alternator with AVR
- 3 - Steel basement, tank with electro level
- 4 - Soundproofing hood completely in galvanized sheet metal and painted with polyester powders
- 5 - Soundproofing material in polyester fiber with high abatement
- 6 - Residential exhaust silencer with insulated collector
- 7 - Electrical panel mounted on board the machine with control device and protection device integrated in the box
- 8 - Compactness for easy handling and use
- 9 - Test certification, manuals and diagrams supplied
- 10 - World wide after sales technical assistance support
- 11- CRICKET RANGE: FROM 9 TO 200 kVA at 50 or 60Hz.

Automatic control box AMF



- 1 - On/off key;
- 2 - Emergency stop button;
- 3 - DEEP SEA® 4520 MKII;
- 4 - Main switch of primary brand.

### **DEEP SEA® 4520 MKII**

DSE4520 control panel DSE4520 is a compact module of automatic control of mains failure.

#### TECHNICAL FEATURES VISA CK 21

Product Type: Industrial Generator Set

Continuous Output (PRP): 20.0 (kVA)

Continuous Output (PRP): 16.0 (kW)

Stand-by Output (LTP): 22.0 (kVA)

Stand-by Output (LTP): 17.6 (kW)

Voltage: 400V

Frequency: 50 Hz

Power factor: 0.8 cos $\phi$

Sound pressure level at 7 m: 65.0 dBA

#### MOTOR

Motor brand: PERKINS

Engine model: 404A-22G1

Fuel: Diesel

Number of cylinders: 4

RPM: 1500 r.p.m.

Displacement: 2.22 l

Aspiration: Aspirated

Standard voltage: 12 V

Sae: 4-7 1/2

Effective Average Pressure: 669 kPa

Cooling: Water

Flywheel R.P.P. power: 18.4 kW

Stand-by power at flywheel: 20.3 kW

Consumption at 100% (L.T.P.): 6.1 l/h

Consumption at 100% (P.R.P.): 5.3 l/h

Consumption at 75% (P.R.P.): 4.0 l/h

Consumption at 50% (P.R.P.): 2.9 l/h

Consumption at 25% (P.R.P.): 0.0 l/h

Electronic regulator: On request

Precision class: G2

Lubricant capacity: 10.6 l

Engine antifreeze capacity: 3.6 l



Radiator type: Tropical  
Heat from radiator: 17.0 KW  
Heat from exhaust: 14.0 KW  
Heat radiated: 3.3 KW  
Flue Gas Temperature: 445 °C  
Cooling air flow rate: 29.40 m<sup>3</sup>/min  
Combustion air flow rate: 1.45 m<sup>3</sup>/min  
Flue gas flow rate: 3.64 m<sup>3</sup>/min  
TA Luft: Not available  
TA Luft/2: Not available  
EPA: Not available  
Stage: STATIONARY USE

#### ALTERNATOR

Alternator brand: STAMFORD  
Alternator Model: PI144D  
PRP Output: 20.0 kVA  
Output LTP: 22.0 kVA  
Connection Type: Star Series  
Number of phases: 3F+N  
Windings: 12 terminals, Winding 311  
Number of terminals: 12 nr.  
IP Protection: 23  
Electronic controller: AS480  
Accuracy: 1.0 ± %

#### FRAME

Model: CK10  
Standard tank: 55 l  
Optional tank: 0 l

#### CABIN AND SILENCER

Casing model: CK10  
Silencer model: F50/02  
Silencer outlet diameter: 50.0 mm

#### DIMENSIONS AND WEIGHT

Width: 745 mm  
Length: 1575 mm  
Height: 1270 mm  
Dry weight: 690 Kg.

This control panel allows to combine the VISA CK 21 genset with a mains/genset switching for automatic start.

Images and technical data are not binding

**Product features:**

Phase: Three phase

Maximum power three phase (KW): 17.6

Continuous power three phase (KW): 16

Maximum power three phase (KVA): 22

Continuous power three phase (KVA): 20

Fuel: Diesel

Frequency (Hz): 50

Voltage (V): 400

Sockets configuration: Terminal box

Engine: Perkins 404A-22G1

Emissions Regulations: Stationary Use

Engine rpm (rpm): 1500

Speed governor: Mechanical

Starting system: Electric

Engine capacity (cm<sup>3</sup>): 2216

Number cylinders: 4

Oil capacity (L): 10.6

Cooling: Water

Alternator: Synchronous

Poles: 4

Fuel tank capacity (L): 55

Consumption (L/h): 4 at 75% of the load

Running time (h): 13.6

Length (mm): 1575

Width (mm): 745

Height (mm): 1270

Dry weight (Kg): 690

Silenced: Yes

Brushes: No

Product type: Generator

ATS Switch device : Optional

Voltage regulator: AVR

Engine manufacturer: Perkins

Precision of voltage regulation:  $\pm 1\%$