



## VISA CK 21 GENERATOR SET SILENCED 20 KVA AVR

Reference: P 21 CK

### 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?  
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

## Technical Sheet

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	Morsettiera
Engine	Perkins 404A-22G1
Emissions Regulations	Stationary Use
Engine rpm (rpm)	1500
Speed governor	Mechanical
Starting system	Elettrico
Engine capacity (cm <sup>3</sup> )	2216
Number cylinders	4
Oil capacity (L)	10.6
Cooling	Water
Alternator	Sincrono
Poles	4

Fuel tank capacity (L)	55
Consumption (L/h)	4 al 75% del carico
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 ATS
Voltage regulator	AVR
Engine manufacturer	Perkins
Precision of voltage regulation	± 1%