



SUPER SILENCED 100KVA

Voltage (V) : 400/230

Frequency (Hz) : 50

STATIONARY

SOUNDPROOF

Portable



To :
Cc :
Subject :
Offer
Piraeus :

Technical Card

Technical information

PRP Power (kva)	100
PRP Power (KW)	80
Standby Power (kva)	110
PRP Power (KW)	92
Standby Power (Kw)	101
Model	STATIONARY

Weight and Dimensions (mm)

Length (mm)	3000
Width (mm)	1200
Height (mm)	1470
Weight (kgr)	1890
Fuel tank capacity (l)	230



Engine Four Stroke Cycle , Turbocharged-Aftercooled

Brand	IVECO MOTORS
Model	8061Si 07
Heavy duty 6 cycle water cooled engine	✓
No. of cylinders	6
electronic governor control	✓
Engine Capacity (c.c.)	5900
Bore (mm)	104
Stroke (mm)	132
Compression ratio	17,5:1
Turbocharged	✓
Aftercooled	✓
Water cooled	✓
Speed (r.p.m.)	1500 - 1800

Cooling System

Coolant capacity (l)	55
Flow of air from fan (m3 /sec)	28.5 m3/sec
Radiator mechanically driven	✓

Lubrication System

Oil sump capacity (l)	17.5
Maximum oil consumption (% fuel consumption)	0.1

Electrical system

Battery /ies X 1	12V 160 Ah.
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Air intake system

Air intake flow (m3/h)	340
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Exhaust System

Gas flow (kg / hour)	739
One exhaust silencers noise isolated fitted in the canopy	✓

Alternator

Power (kva)	100
Model :	STAMFORD
Frame :	UCI 274F1
INTERMIDIA AMPS :	138
Insulation Class	H
PF	0.8
Poles	4
Electronic Regulation Voltage +- 1%	✓
AVR electronic TP 23	SX 460
Brushless Group made machine self extracted self regulated	✓

Electric Panel

CT01 standard control panel	✓
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Measuring Instruments

Ammeter three phase	✓
Battery current gauge	✓
Voltammeter three phase	✓
Hertz meter	✓
Hours meter	✓

Control Instruments

Manual start-up - Auto start up	✓
Electric circuit breaker Merlin Gerin 150A	✓
Electric governor control of the speed of the engine	✓

Electric Panel

Alarms

Emergency stop button	✓
Battery charge failure	✓
Low oil pressure	✓
High engine water temperature	✓
Low Fuel Level	✓
Overspeed	✓

Protection Devices

Ir Protection	✓
Im Protection	✓
Earth leakage (differential) protection	✓

Performance Data

All data is based on Barometric Pressure 100KPa Air Temperature 30oC Altitude 110m and Relative Humidity 30%

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