



SUPER SILENCED 500KVA

Voltage (V) : 400/230

Frequency (Hz) : 50

STATIONARY

SOUNDPROOF

Portable



Technical Card

Technical information

PRP Power (kva)	450
PRP Power (KW)	390
Standby Power (kva)	500
Standby Power (Kw)	430
Model	STATIONARY

Weight and Dimensions (mm)

Length (mm)	4200
Width (mm)	1600
Height (mm)	2400
Weight (kg)	5500
Fuel tank capacity (l)	850



Engine Four Stroke Cycle , Turbocharged-Aftercooled

Brand	IVECO MOTORS
Model	8281Sri27
Heavy duty 4 cycle water cooled engine	✓
No. of cylinders	6
electronic governor control	✓
Engine Capacity (c.c.)	17200
Bore (mm)	145
Stroke (mm)	130
Compression ratio	16:1
Turbocharged	✓
Aftercooled	✓
Water cooled	✓
Speed (r.p.m.)	1500 - 1800

Cooling System

Coolant capacity (l) liquid water	75
Flow of air from fan (m3 /sec)	5,8
Radiator mechanically driven	✓

Lubrication System

Oil sump capacity (l) **26,4**
Maximum oil consumption (% fuel consumption) **0,1**

Electrical system

Battery /ies X 2 **12V 180 Ah.**

Air intake system

Air intake flow (m3/min) **1840**

Exhaust System

Gas flow (kg / hour) **2220**
Max exhaust temperature at full load **490 C**
Two exhaust silencers noise isolated fitted in the canopy ✓

Alternator

Power (kva) **500**
Model : **STAMFORD**
Frame : **HC I544C1**
INTERMIDIA AMPS : **721,7**
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

CTA01 standard AMF external start control panel ✓

Measuring Instruments

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

Control Instruments

Manual start-up - Remote start up ✓
Electric circuit breaker Merlin Gerin 250A ✓
Auto remote 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 ✓

Portable Gen-sets

Remote start ✓
AMF start ✓
Manual Function ✓
Battery charger ✓

Protection Devices

Ir protection ✓
Im Protection ✓

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