

15 kVA Diesel Generator

Diesel Generator Sets

STAND BY	KVA	15
PRIME	KVA	13



Water Cooled

3 phase



50 Hz

Diesel



Easy maintenance

Warning system for decreasing fuel with electronic fuel level sender



Modular type sound- proof canopy

Remote control system



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Engine Specifications

- PERKINS heavy duty diesel engine 2022 or latest manufacture year
- 4 stroke cycle, water cooling system, natural induction
- Mechanic governor system
- 12/24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Flexible fuel pipe

MODEL	403A-15G1 or latest	
POWER	STAND BY kW	13,2
	PRIME kW	12
SPEED (rpm)	1500	
Cycle	4 stroke	
DISPLACEMENT (lt)	1,496	
NUMBER OF CYLINDERS	3 in line	
BORE AND STROKE	84 x 90	
COMPRESSION RATIO	22,5 : 1	

- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free original battery
- Engine block water heater
- Diesel gen-set maintenance and operating instructions and electrical circuit diagram

GOVERNOR TYPE	Mechanic	
Induction	NATURAL	
COMBUSTION SYSTEM	INDIRECT	
Cooling System	WATER	
FUEL CONSUMPTION (lt/h)	100% OF PRIME POWER	3,7
	75% OF PRIME POWER	2,8
	50% OF PRIME POWER	2
TOTAL LUBRICATION SYSTEM CAPACITY (lt)	6	
TOTAL COOLANT CAPACITY (lt)	6	



Alternator Specifications

- Brushless, single bearing, flexible disc 4 poles alternator for harmonic failure
- H type isolation class
- IP 21-23 protection class
- Self-exciter

BRAND	STAMFORD or Leroy Somer	
FREQUENCY (HZ)	50	
POWER (KVA)	11	
DESIGN	4 pole, brushless	
CONNECTION TYPE	Star	
VOLTAGE (V)	400	

- Electronic automatic voltage regulator
- Stator 2/3 step for harmonic failure
- The alternator windings are protected by insulating varnish against oil and acid

Phase	3	
A.V.R.	DM710	
VOLTAGE REGULATION (+/-)	± 1%	
INSULATION SYSTEM	Class H	
PROTECTION	IP23	
RATED POWER FACTOR	0,8	
WEIGHT COMP. ALTERNATOR (KG)	78	

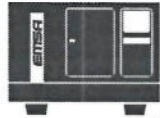


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Canopy


- Modular type sound-proof canopy
- Canopy installation executed with screw and nut, without welding process
- Epoxy and polyester powder painted canopy
- Weatherproof canopy rating is IP 23
- Canopy designed for easy maintenance

- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window
- Insulation details: Non-flammable acoustic foam
- Nano tech cleaning system
- Container optional



 Dimensions (W x L x H) mm **900 x1750 x 1337**

 Weight (Kg) **573,4**


 Fuel tank capacity (lt) **82**
Internal type




Internal type



 Dimensions (W x L x H) mm **900 x 1400 x1145**

 Weight (Kg) **397**

 Fuel tank capacity (lt) **82**
Internal type

SILENCER OPTIONS

- Standard industrial type

GEN-SET SAFETY PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level

OTHER REQUIRMENTS

Fuel and oil Heater
 Fuel and water separator
 Water Jacket Heater
 DSE automatic charger
 (230AC/12V 6A DC)

CANOPY OPTIONS

- Standard sound proof canopy (75db/3m)
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- Over current load
- High & low genset voltage
- Start/stop failure
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