

65 KVA Diesel Generator Sets

STAND BY	KVA	65
PRIME	KVA	60



Water Cooled

4 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, turbocharged - intercooler induction
- Mechanic governor system
- 12/24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Flexible fuel pipe

MODEL	1103A-33TG2 or latest	
POWER	STAND BY kW	59,3
	PRIME kW	53,8
SPEED (rpm)	1500	
Cycle	4 stroke	
DISPLACEMENT (lt)	3,3	
NUMBER OF CYLINDERS	6, in line	
BORE AND STROKE	105 x 127	
COMPRESSION RATIO	17,25 : 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	TURBOCHARGED -	
INTERCOOLER COMBUSTION SYSTEM	DIRECT	
Cooling System	WATER	
FUEL CONSUMPTION (lt/h)	100 % OF PRIME POWER	13,9
	75% OF PRIME POWER	10,4
	50% OF PRIME POWER	7,2

TOTAL LUBRICATION SYSTEM CAPACITY (lt) 7,9
 TOTAL COOLANT CAPACITY (lt) 10,2



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)	68,8	
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.	AS540	
VOLTAGE REGULATION (+/-)	± 1%	
INSULATION SYSTEM	Class H	
PROTECTION	IP23	
RATED POWER FACTOR	0,8	
WEIGHT COMP. ALTERNATOR (KG)	240	

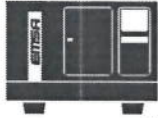


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Canopy


- 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 **1000 x2300 x1545**

 Weight (Kg) **1007**


 Fuel tank capacity (lt) **101**
Internal type




Internal type



 Dimensions (W x L x H) mm **1000 x1900 x1396**

 Weight (Kg) **797**

 Fuel tank capacity (lt) **101**
Internal type

SILENCER OPTIONS

- Standard industrial type

CANOPY OPTIONS

- Standard sound proof canopy (75db/3m)
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GEN-SET SAFETY PROTECTION & ALARMS

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

- Over current load
- High & low genset voltage
- Start/stop failure

OTHER REQUIRMENTS

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

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