



MG-PRS-1097/6

PERKINS Series Diesel Generator Sets

Stand by	kVA	1100
	kW	880

PRIME	kVA	1000
	kW	800



PERKINS



STAMFORD



Smart 500 mk



Water Cooled



60 hz



3 phase



Easy maintenance



Modular type sound-proof canopy



Diesel



Remote control system



Warning system for decreasing fuel



Engine Specifications

- PERKINS series heavy duty diesel engine
- 4 Cycle, Water Cooling system, TURBOCHARGED - INTERCOOLER Induction
- Electronic governor system
- 12/24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine block water heater (in automatic models)
- Diesel gen-set maintenance and operating instructions and electrical circuit diagram

Model	4008TAG2		Governor type	Electronic	
Power	Stand by kW	948	Induction	TURBOCHARGED - INTERCOOLER	
	Prime kW	842			
Speed (rpm)	1800		Combustion System	Direct	
Cycle	4		Cooling system	Water	
Displacement (lt)	30,561		Fuel consumption 100%	173	
Number of cylinders	8, in line		(lt/h) 75%	162	
Bore & Stroke	160 x 190		50%	108	
Compression ratio	13,6 : 1		Total lubrication system capacity (lt)	153	
			Total coolant capacity (lt)	210	



Alternator Specifications

- Brushless, single bearing, flexible disc 4 poles alternator for harmonic failure
- H type isolation class
- IP 21-23 protection class
- Self exciter
- Electronic automatic voltage regulator
- Stator 2/3 step for harmonic failure
- The alternator windings are protected by insulating varnish against oil and acid

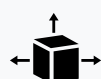
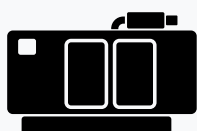
Brand	STAMFORD		Voltage regulation (+/-)	± 1%	
Frequency (hz)	60		Insulation system	Class H	
Design	4 pole, brushless		Protection	IP23	
phase	3		Rated power factor	0,8	

Brand	Voltage (V)	Stand by	Continuous	A.V.R.	Connection type	Weight (kg)
HCI634H	220	1163	1063	MX321	Parallel Star	2117
HCI634J	380	1122,7	1036,4	MX321	Series Star	2279
HCI634H	440	1163	1063	MX321	Series Star	2117



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



Dimensions
(W x L x H) mm

2200x5550x3310



Weight (Kg)

12872



Fuel tank capacity (lt)

2500

- 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

2200x5300x2460



Weight (Kg)

11117



Fuel tank capacity (lt)

2500

Silencer options

- Standard industrial type
- Critical type
- Hospital type

Gen-Set safety protection & alarms

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

Optional Equipments

- Charge ammeter
- Moulded case circuit breaker (in automatic models)
- Hospital/Critical type silencer
- Modular type sound-proof canopy
- Mobile - trailer
- Synchronization control panel for 2-16 gensets

Canopy options

- Standard canopy
- Super silent canopy
- Extra super silent canopy (thicker insulation)

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

- 3 pole/4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Alternator heater
- Automatic fuel filling system
- Fuel-water separator filter
- PMG warning system