



MG-PRS-0888/6

PERKINS Series Diesel Generator Sets

Stand by	kVA	888
	kW	710,4

PRIME	kVA	802
	kW	641,6



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	2806A-E18TTAG5	
Power	Stand by kW	748
	Prime kW	675
Speed (rpm)	1800	
Cycle	4	
Displacement (lt)	18,1	
Number of cylinders	6, in line	
Bore & Stroke	145 x 183	
Compression ratio	14 : 1	

Governor type	Electronic	
Induction	TURBOCHARGED - INTERCOOLER	
Combustion System	Direct	
Cooling system	Water	
Fuel consumption (lt/h)	100%	206
	75%	198
	50%	197
Total lubrication system capacity (lt)	110	
Total coolant capacity (lt)	68	



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	
Frequency (hz)	60	
Design	4 pole, brushless	
phase	3	

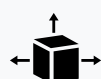
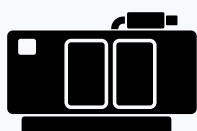
Voltage regulation (+/-)	± 1%	
Insulation system	Class H	
Protection	IP23	
Rated power factor	0,8	

Brand	Voltage (V)	Stand by	Continuous	A.V.R.	Connection type	Weight (kg)
HCI634G	220	1000	925	MX321	Parallel Star	1965
HCI634H	380	1004,4	918	MX321	Series Star	2117
HCI634G	440	1000	925	MX321	Series Star	1965



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

1800x4800x3115



Weight (Kg)

8700,5



Fuel tank capacity (lt)

1704

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



Dimensions
(W x L x H) mm

1800x4290x2475



Weight (Kg)

7193,5



Fuel tank capacity (lt)

1704

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

Canopy options

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

Optional Equipments

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

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