



MG-PRS-0188/6

PERKINS Series Diesel Generator Sets

Stand by	kVA	188
	kW	150,4

PRIME	kVA	169
	kW	135,2



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
- Mechanic 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	1106A-70TAG2		Governor type	Mechanic	
Power	Stand by kW	164	Induction	TURBOCHARGED - INTERCOOLER	
	Prime kW	147			
Speed (rpm)	1800		Combustion System	Direct	
Cycle	4		Cooling system	Water	
Displacement (lt)	7,01		Fuel consumption 100%	38,2	
Number of cylinders	6, in line		(lt/h) 75%	29,1	
Bore & Stroke	105 x 135		50%	19,1	
Compression ratio	16 : 1		Total lubrication system capacity (lt)	16,5	
			Total coolant capacity (lt)	21	



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

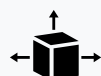
Brand	STAMFORD		Voltage regulation (+/-)	± 1%	
Frequency (hz)	60		Insulation system	Class H	
Design	4 pole, brushless		Protection	IP23	
phase	3		Rated power factor	0,8	

Brand	Voltage (V)	Stand by	Continuous	A.V.R.	Connection type	Weight (kg)
UCI274F	220	206,3	190	SX460	Parallel Star	530
UCI274G	380	199	186,4	SX460	Series Star	580
UCI274F	440	206,3	190	SX460	Series Star	530



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

1100 x 3100 x 1690



Weight (Kg)

2095



Fuel tank capacity (lt)

275

- 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

1100x2600x1690



Weight (Kg)

1842



Fuel tank capacity (lt)

275

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