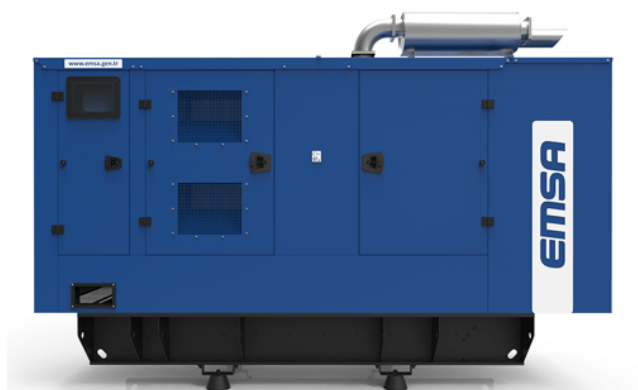




MG-PRS-0250/6

PERKINS Series Diesel Generator Sets

Stand by	kVA	250
	kW	200

PRIME	kVA	225
	kW	180



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 - AFTERCOOLER 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	1206A-E70TTAG1		Governor type	Electronic	
Power	Stand by kW	223,6	Induction	TURBOCHARGED - AFTERCOOLER	
	Prime kW	201,6			
Speed (rpm)	1800		Combustion System	Direct	
Cycle	4		Cooling system	Water	
Displacement (lt)	7,01		Fuel consumption 100%	54,5	
Number of cylinders	6, in line		(lt/h) 75%	40,4	
Bore & Stroke	105 x 135		50%	27,8	
Compression ratio	15,5 : 1		Total lubrication system capacity (lt)16		
			Total coolant capacity (lt) 25		



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

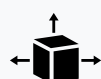
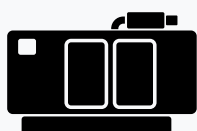
Brand	STAMFORD		Voltage regulation (+/-)	± 1%	
Frequency (hz)	60		Insulation system	Class H	
Design	4 pole, brushless		Protection	IP23	
phase	3		Rated power factor	0,8	

Brand	Voltage (V)	Stand by	Continuous	A.V.R.	Connection type	Weight (kg)
UCI274H	220	265	245	SX460	Parallel Star	626
UCDI274J	380	264,3	242,7	AS440	Series Star	727
UCI274H	440	265	245	SX460	Series Star	626



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

1200x3600x2490



Weight (Kg)

2978,6



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

1200x3100x2490



Weight (Kg)

2660,6



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

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