GS CURSOR 350

350 kVA (50 Hz) - 380 kVA (60 Hz)
Stage II

1/ GENERAL			1500 rpm	1800 rpm
Engine model			CURSOR13TE2A	
Number cylinders			6	
Cylinder arrangement			in line	
Valves per cylinder			2	
Cycle			diesel 4 stroke	
Injection system			direct E.U.I	
Induction system			Turbocharged	
Housing flywheel			SAE 1	
Flywheel			14"	
Fuel consumption at				
	Stand-By	g/kWh (l/h) [kg/h]	189.6 (77.9) [65.4]	198.4 (91.0) [76.4]
	Full load	g/kWh (l/h) [kg/h]	187.5 (70.0) [58.8]	182.6 (76.1) [63.9]
	80%	g/kWh (l/h) [kg/h]	191.8 (57.3) [48.1]	202.2 (67.4) [56.6]
	50%	g/kWh (l/h) [kg/h]	207.8 (38.8) [32.6]	210.2 (43.8) [36.8]
Fuel specifications			EN 590	
Fuel tank capacity		liters	400	
GS dimensions	L x W x H	mm	4850 X 1630 X 2500	
GS weight		kg	3598	

2/ GS PERFORMANCE		1500 rpm	1800 rpm
Continuous Power	kVA (kWe)	280 (224)	304 (243)
Prime Power	kVA (kWe)	350 (280)	380 (304)
Stand-By Power	kVA (kWe)	385 (308)	418 (334)

NOISE LEVEL	
Measured at 7m	70 dB(A)

Performance according to ISO 8528 conditions. Power factor 0.8.
Weight with oil, water and without fuel.

PRIME POWER

The Prime Power is the maximum power available with varying loads for an unlimited number of hours. The average power output during a 24 h period of operation must not exceed 80% of the declared prime power between the prescribed maintenance intervals and at standard environmental conditions. A 10% overload is permissible for 1 hour every 12 hours of operation.

STAND-BY POWER

This is the maximum power available for a period of 500 hours/year with a mean load factor of 90% of the declared stand-by power. Any kind of overload is permissible for this use.

CONTINUOUS POWER

Continuous Power is what a generating set is capable of delivering continuously for an unlimited number of hours per year, between the stated maintenance intervals and under ambient conditions. For furthers information, please, contact FPT sales department.

MAIN FEATURES

1. PRIME MOVER

FPT diesel engine, complying with ISO 8528 standards (we refer you to the relevant Data Sheet for engine).

2. OPERATING CONDITIONS

The set can be used with a maximum outdoor temperature of 40°C and at an altitude of 1000 m, without derating.

3. ELECTRIC MACHINE

Single-bearing synchronous motor, 4 poles, brushless, IP21 minimum protection level and Class H insulation. Reconnectable 12-wire connections - Tropical impregnation; treatment for humid and saline climates on request - Electronic voltage adjustment.

4. SUB-BASE

This comprises a fully sealed high capacity fuel tank. The tank is built into the subbase, and is equipped with two fuel level indicators: the first visual type directly on the tank and the second electrical on the control panel. The engine-generator unit is anchored to the under-base by special elastic expansion bolts which eliminate any vibration to the structure. A leakage basin can be included on request.

5. RELIABILITY

- High Quality level of components
- Top Air Outlet location (frontal on request - 75dB(A))

6. ELECTRICAL SYSTEM

The system which can be 12 V (standard) or 24 V (optional), envisages all the electrical connections between the engine, the generator and the electrical control panel. The electrical panel and the power terminals are located in the rear part of the housing. An aluminium plate allows special cable clips to be inserted. All configurations include an external emergency pushbutton.

7. ELECTRICAL CONTROL PANEL

- Key start control panel: MRS72
- Automatic control panel: AMF74
- 4P circuit breaker (3P on request)

8. MAINTENANCE SERVICEABILITY

- Easy access for maintenance operations
- 600 hours oil and filters change intervals
- 4 fork lift pockets
- 2 lifting points
- Single Point Lifting (Optional)

9. DOCUMENTATION

Each generating set comes complete with a series of User Manuals.

Publication GS CURSOR350
Specifications subject to change without notice.
Illustrations may include optional equipment.
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