



DIESEL GENERATOR SETS

HEXAGEN

Powered by FAWDE Engines

HGF-16

60HZ

Output Ratings

Single-Phase , 60Hz , 1800RPM		
Output	Standby Power	Prime Power
	17KVA/ 17KW	16KVA/16KW
	220V	77A

Performance Data

Engine Brand & Model		FAWDE / 4DW81-28D
Alternator Brand & Model		HOPOW / BC184E
Control System		DSE4620/HGM6120
Standard Noise Level@7m (Soundproof Sets)		75dBA
Circuit Breaker Type		-
Tank (L)	Open sets	-
	Soundproof Sets	60
Fuel Consumption (l/hr)	110% Load	/
	100% Load	4.37
	75% Load	/
	50% Load	/

Ratings at 0.8 power factor

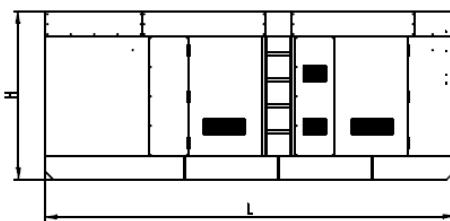
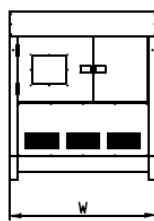
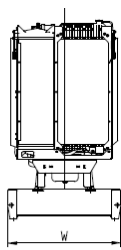
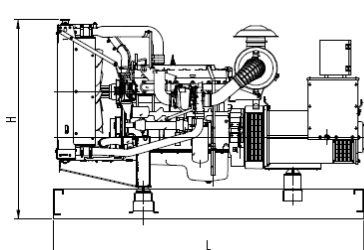
- 1) Ambient reference conditions: 1,000 mbar, 27°C, 30% relative humidity
- 2) Standby Power Standby duty, operation under variable load, without over load;
- 3) Prime Power-Continuous duty operation, , under variable load 24/24h-10% over load permissible 1 hour/12 hours

Features

- Strong power, high torque, easy to maintain, easy to start;
- Low noise, low emissions;
- Cabinet made of high quality sheet metal, corrosion-resistant, scratch-resistant;
- Canopy sealing performance, high waterproof, dust-proof, rain, dust and other difficult to access;
- Omni-directional control, easy connection and simple;
- Cranes, fork, pull, drag, easy transportation;
- ≥8-hour fuel tanks;
- Open Type with 40 c radiator, Soundproof type with 50 °C radiator

Dimensions and Weights

Content		Soundproof Sets
Dimensions: (mm)	L	2100
	W	850
	H	1100
Weights (kg)		850



Engine Brand / Model: FAWDE / 4DW81-28D

No. of Cylinders / Alignment	4/ In Line	Gross Engine	Standby	20
Cycle	4 Stroke	Power (kW)	Prime	22
Bore / Stroke	85mm / 100mm	Compression Ratio		17:1
Induction	Naturally Aspirated	Displacement (L)		3.9
Cooling Method	Water	Governing Type		Mechanical
Lubricant Oil	15W40-CF4 Upgrade	Net weight (kg)		220
Lubricant Oil Capacity (L)	7.8	Coolant Capacity (L)		5

Alternator Brand / Model: HOPOW / BC184E

PRIME Capacity (kVA)	20.2	A.V.R. Model	AS480
PRIME Power (kW)	16	Voltage Regulation (no load- full load)	± 1.0%
THF(BS EN60034 – 1)	<2%	Underspeed Protection	Standard
Bearing Number	Single	Protection	IP23
Windings	100% Copper	Phase Sequence	A(U), B(V), C(W)
Silicon Steel Core Processing	One Piece Punching	TIF(NEMA MG 1-22)	<50
Insulation Class	H	Excitation System	Self-excited, SHUNT
Winding Pitch	2 / 3	Ambient Temp	50 °C
Amortisseur Winding	Full	Stator Rated Temp	125 °C

Control System :

DSE4620

DSE4620 is the Auto Start Module when mains failure, used to control a single generator set. Used for control of diesel and gas engine, providing advanced engine testing and protection function.

The DSE4620 module includes a backlit LCD display which clearly shows the status of the engine at all time..

The module can monitor the frequency, voltage, current, oil pressure, water temperature and fuel level and also display the warning and shutdown status of the engine.

The module includes 7 roads input and 6 roads output. Program can be set by panel and PC software suite.

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We reserve the right to make changes in model, technical specification, color, configuration and accessories without prior notice. Please contact the us before ordering.

