

# EM-F52

## FAWDE Engine



### Generator Specification

Service	PRP	ESP
Power (kva)	48	52
Power (kw)	38	42
Rated speed ( r.p.m)	1500	
Rated Power factor	0.8 @lagging	

### Performance

Engine Brand	FAWDE
Engine model	4DX23-65D/48KW
Alternator	VG-224D/40KW
Breaker	CHNIT MCCB 3P
Control system	AMF digital panel
Fuel consum. @100% load	210g/kW·h

### CERTIFICATE:

EMEAN Power gensets are compliant with ISO 9001 and CE standard, which include the following directives:  
EN ISO 12100:2010,  
EN ISO 8528-13:2016,  
EN 60204-1:2006+A1:2009+AC:2010,  
EN 55012:2007+A1:2009



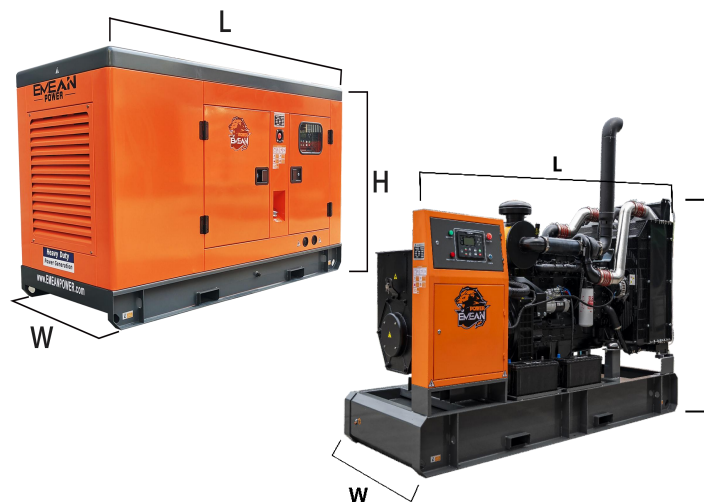
### POWER DEFINITION:

PRP(Prime Power): Prime Power is available for an unlimited number of annual operating hours in variable load applications, in accordance with ISO 8528-1.

ESP(Standby Power):The standby power rating is applicable for supplying emergency power in variable load applications in accordance with ISO 8528-1.Overload is not allowed

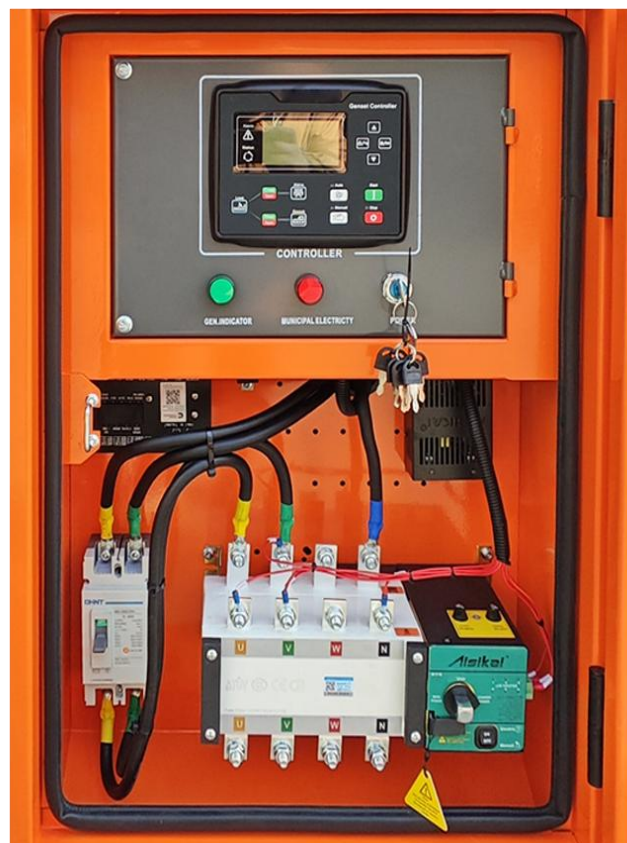
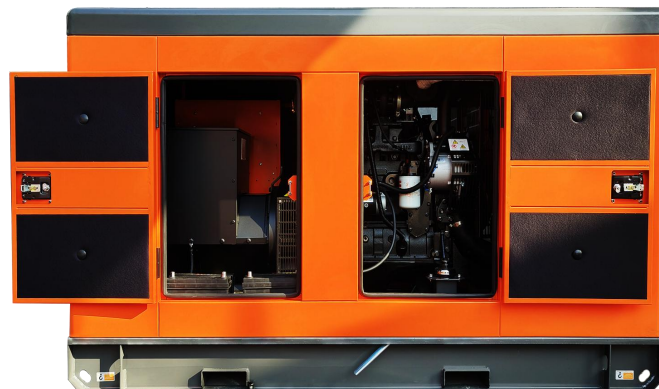
## Dimension

Type	Open	Silent
Length (L)	1800mm	2100mm
Width (W)	800mm	900mm
Height (H)	950mm	1200mm
Net Weight	800kg	1050kg



## Standard Features:

- 1.power by Brand new water cooled diesel engine
- 2.Brushless alternators (Class H, with AVR)
- 3.Working condition: 0℃~+40℃ (Antifreeze system needed if below 0℃)
- 4.Base frame fuel tank for continue 8-10hrs running
- 5.Digital control panel with auto protection
- 6.MCCB air circuit breaker for over current shutdown
- 7.Industrial silencer for silent type generator sets
- 8.Humanized design, simple operation, easy maintenance
- 9.Ventilation parts are designed with modular principles
- 10.Soundproof canopy which lined with sound reducing foam
- 11.All metal canopy parts are painted by powder foam
- 12.Glass Panel window
- 13.Lockable doors on front and back side for easy maintenance
- 14.Easy maintenance and operation
- 15.Easy lifting and moving, there is forklift hooks and crane holes on chassis
- 16.External emergency stop button
- 17.Steel chassis and anti-vibration pads
- 18.Includes diesel level sensor information to the controller



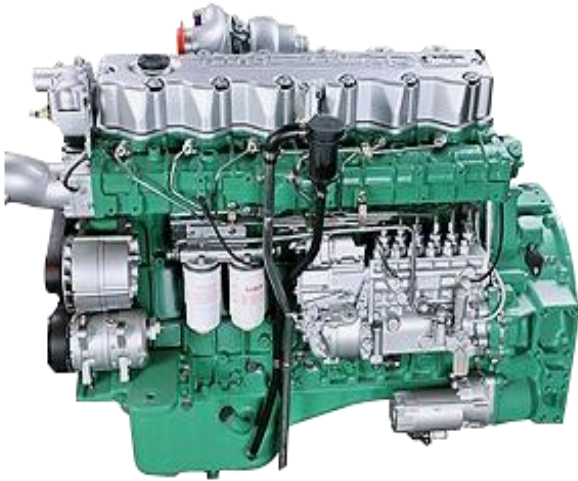
## Warranty

We shall provide a warranty of 12 months or 1200 hours from B/L date (whichever comes first), covering all manufacturing defects. We replace damaged parts caused by manufacturing faults or defected parts/materials, but exclude the damageable parts due to customer's incorrect man-made operation. After expiration, we still provides technical and spare parts support with cost for maintenance.

## Equip With

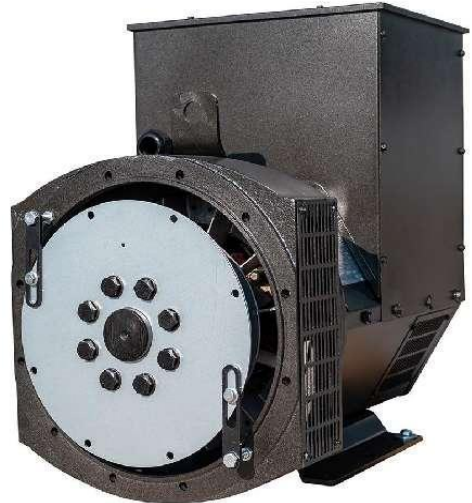
### FAWDE 4DX23-65D/48KW

Please download the detailed engine data sheet



### Alternator VG-224D/40KW

Please download the detailed alternator data sheet



### Digital control panel

Please download the detailed controller manual



### AUTOMATIC SHUTDOWN AND FAULT CONDITIONS

- Under/over speed; fail to start
- High engine temperature; fail to stop
- Low oil pressure; charge fail
- Under/over generator volts; over current
- Under/over generator frequency; emergency stop
- Under/over mains frequency
- Under/over mains voltage
- Low/high battery volts

### CHNIT MCCB breaker 3P



### Sealed 12/24V Dry battery





## Option

**ATS**



**Remote Control**



**Charger**



**Jacket Heater**



**Oil Heater**



**Extra Fuel Tank**



**Parallel Cabinet**



**Trailer**



## Contact Information

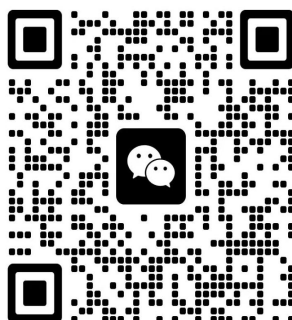
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