

# ON-750

## Power by WEICHAI

# 6M33D725E310

Prime power: 600KW/750KVA

Standby power: 660KW/825KVA

## GENERATING POWER SOLUTIONS



### Increased availability for new operations

Reliable, robust and versatile generator.  
Ready to deliver power for a next job.

### Increased uptime during operations

Once installed on the end-user-site, the generator will be ready to run: "peace of mind" operation.

### Reduced transport and installation costs

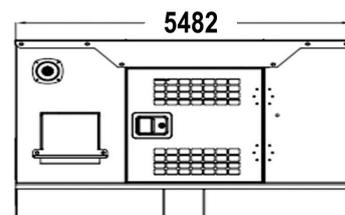
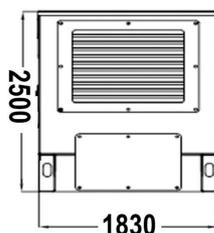
The compact and robust design with integrated transport features enables faster and safer transport and installation.

### Reduced service & maintenance costs

Longer service intervals.  
Quicker and more efficient service jobs.

### Premium resale value

Designed and built to last.



# ONEWPOWER

[WWW.ONEWPOWER.COM](http://WWW.ONEWPOWER.COM)

DIMENSION		OPEN TYPE	SILENT TYPE
Length (L)	mm	3550	5482
Width (W)	mm	1602	1830
Height (H)	mm	2205	2500
Dry weight	kg	4523	6526
Fuel tank	L	NA	740

## Technical Data

### Model ON-750

Rated prime power	KW	600
Rated standard power	KW	660
Rated voltage line to line	V	380~415
Maximum sound level	dB(@7m)	≤72

### Engine

Model	6M33D725E310	
Aspiration	Turbochargine and aftercooled	
Fuel system	mechanical pump	
No. cylinders	6	
Displacement	Liquid	19.6
Bore*Stroke	mm	150*185
Compression ratio	15:1	
Rated speed	r/min	1500
Rated net power(with fan)	Kw	600
Governor type	ECU	

### Exhaust system

Exhaust gas flow		3491.5kg/h
Exhaust gas temp	° F (° C)	<730
Max back pressure		7.5Kpa

### Aspiration system

Max inlet pressure	kPa	≤3.5
Combustion volume	L/s	/
Air flow	kg/h	3345.1

### Fuel system

100% load(Prime power)	L/h	155.3
75% load(Prime power)	L/h	114.8
50% load(Prime power)	L/h	77.4
Fuel tank capacity	L	740

### Lubrication system

Oil capacity	L	61
Oil consumption	L/H	155.3
Oil pressure	kPa	10
(continuous operation)		

### Cooling system

Coolant capacity	L	44
Thermostat operation range	°C	76-88
Max water temperature	°C	98

### Alternator

Model	ON-750	
Phase	3	
Voltage	V	380~415
Bearing	1	
Power factor	0.8	
Frequency	Hz	50
Prime power	KW	600
Exciter Type	Brushless, self-excitation	
Voltage regulation	%	±0.5
Protection Grade	IP 23	
Insulation grade	H/H	
Altitude	m	≤1000

### Controller

- Model
- Protective functions:
- Low oil pressure
  - High water temperature
  - High/low voltage
  - High Engine Temperature and Overspeed.
  - Voltage regulator frequency regulator
  - Emergency stop
  - Start failure



### Control Module Options



- Auto generator control module
- Control module with "Three Remote Control" functions
- ATS auto load transfer screen
- Synchronising control modules
- Power output cabinet

