

# ON-400

## Power by WEICHAI

# WP13D405E200

Prime power: 320KW/400KVA

Standby power: 350KW/437.5KVA

## 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

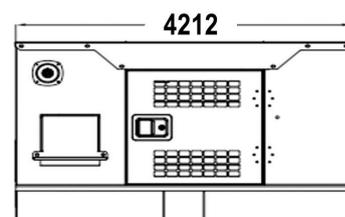
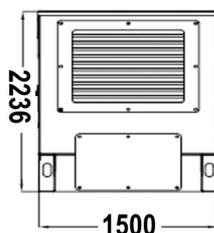
The compact and robust design with integrated transport features enables faster and safer transport and installation.

### Reduced service & maintenance costs

Longer service intervals.  
Quicker and more efficient service jobs.

### Premium resale value

Designed and built to last.



# ONEWPOWER

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DIMENSION		OPEN TYPE	SILENT TYPE
Length (L)	mm	2990	4212
Width (W)	mm	1300	1500
Height (H)	mm	1709	2236
Dry weight	kg	2634	3812
Fuel tank	L	NA	650

## Technical Data

### Model ON-400

Rated prime power	KW	320
Rated standard power	KW	350
Rated voltage line to line	V	380~415
Maximun sound level	dB(@7m)	≤72

### Engine

Model	WP13D405E200	
Aspiration	Turbochargine and aftercooled	
Fuel system	mechanical pump	
No. cylinders	6	
Displacement	Liquid	12.54
Bore*Stroke	mm	127*165
Compression ratio	16:1	
Rated speed	r/min	1500
Rated net power(with fan)	Kw	300
Governor type	Electronic	

### Exhaust system

Exhaust gas flow		1845kg/h
Exhaust gas temp	° F (° C)	<580
Max back pressure		7.5Kpa

### Aspiration system

Max inlet pressure	kPa	≤3.5
Combustion volume	L/s	/
Air flow	kg/h	1899

### Fuel system

100% load(Prime power)	L/h	85.6
75% load(Prime power)	L/h	62.7
50% load(Prime power)	L/h	42.6
Fuel tank capacity	L	650

### Lubrication system

Oil capacity	L	36
Oil consumption	L/H	85.6
Oil pressure	kPa	10
(continuous operation)		

### Cooling system

Coolant capacity	L	25
Thermostat operation range	°C	76-88
Max water temperature	°C	98

### Alternator

Model	ON-400	
Phase	3	
Voltage	V	380~415
Bearing	1	
Power factor	0.8	
Frequency	Hz	50
Prime power	KW	320
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

## Standard features

- Engine ●
- Radiator 50°C max, fans are driven by belt ●
- 24V charge alternator ●
- Alternator: single bearing alternator IP23, insulation class H/H ●
- Standard auto control system ●
- One set of air filter, fuel filter, oil filter ●
- Main line circuit breaker/MCCB ●
- Base fuel tank ●
- Two 24V batteries, rac and cable ●
- Exhaust system(Ripple flex exhaust pipe, exhaust siphon, flange, muffler) ●
- User manual ●

## Options

- Battery charge ○
  - Engine heater ○
  - Alternator heater ○
  - PMG ○
  - Water oil separator ○
  - Daily fuel tank ○
  - Remote control panel ○
  - Automatic transfer switch/ATS ○
  - Switch box ○
- Standard: ●                      Options: ○

## Warranty

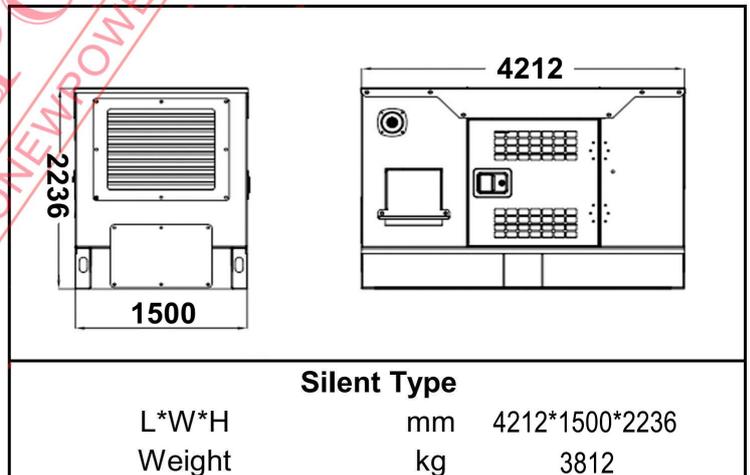
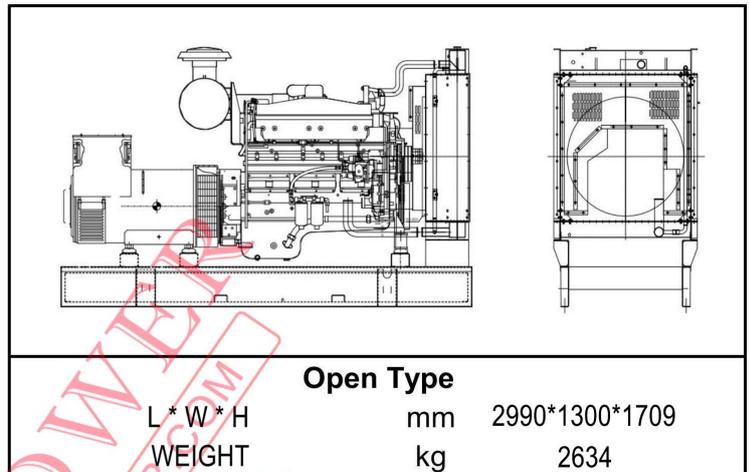
### WEICHAI ENGINE

12 months from date of purchase and 1000 hours.

### Generator

12 months from date of purchase or 1000 hours (whichever occurs first).

## Dimensions



# ONEWPOWER

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