

ON-200

Power by WEICHAI

WP10D200E200

Prime power: 160KW/200KVA

Standby power: 176KW/220KVA

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

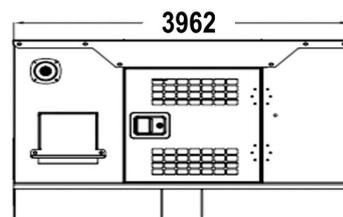
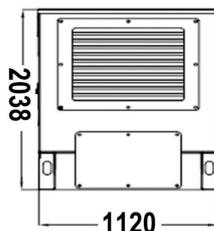
The compact and robust design with integrated transport features enables faster and safer transport and installation.

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 | 2850 | 3962 |
| Width (W) | mm | 1040 | 1120 |
| Height (H) | mm | 1580 | 2038 |
| Dry weight | kg | 1625 | 2693 |
| Fuel tank | L | 350 | 500 |

Technical Data

Model ON-200

| | | |
|----------------------------|---------|---------|
| Rated prime power | KW | 160 |
| Rated standard power | KW | 176 |
| Rated voltage line to line | V | 380~415 |
| Maximum sound level | dB(@7m) | ≤72 |

Engine

| | | |
|---------------------------|-------------------------------|---------|
| Model | WP10D200E200 | |
| Aspiration | Turbochargine and aftercooled | |
| Fuel system | mechanical pump | |
| No. cylinders | 6 | |
| Displacement | Liquid | 9.726 |
| Bore*Stroke | mm | 126*130 |
| Compression ratio | 17:1 | |
| Rated speed | r/min | 1500 |
| Rated net power(with fan) | Kw | 160 |
| Governor type | Electronic | |

Exhaust system

| | | |
|-------------------|-----------|------|
| Exhaust gas flow | 994kg/h | |
| Exhaust gas temp | ° F (° C) | <700 |
| Max back pressure | 6KPA | |

Aspiration system

| | | |
|--------------------|------|------|
| Max inlet pressure | kPa | ≤3.5 |
| Combustion volume | L/s | / |
| Air flow | kg/h | 955 |

Fuel system

| | | |
|------------------------|-----|------|
| 100% load(Prime power) | L/h | 42.3 |
| 75% load(Prime power) | L/h | 31.2 |
| 50% load(Prime power) | L/h | 21.6 |
| Fuel tank capacity | L | 500 |

Lubrication system

| | | |
|------------------------|-----|------|
| Oil capacity | L | 24 |
| Oil consumption | L/H | 42.3 |
| Oil pressure | kPa | 10 |
| (continuous operation) | | |

Cooling system

| | | |
|----------------------------|----|-------|
| Coolant capacity | L | 22 |
| Thermostat operation range | °C | 76-88 |
| Max water temperature | °C | 98 |

Alternator

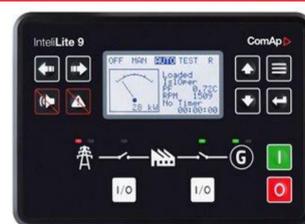
| | | |
|--------------------|----------------------------|---------|
| Model | ON-200 | |
| Phase | 3 | |
| Voltage | V | 380~415 |
| Bearing | 1 | |
| Power factor | 0.8 | |
| Frequency | Hz | 50 |
| Prime power | KW | 160 |
| Exciter Type | Brushless, self-excitation | |
| Voltage regulation | % | ±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

