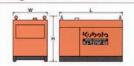
Specifications

| | Mo | odel | | KJ-S130D | KJ-S150V | KJ-T210V | KJ-T27 | OF-SW |
|-----------|---------------------------------|-----------------------|---|---|---|---|-----------|--------|
| Generator | Туре | | Revolving field, self-excited brushless AC generator | | Revolving field, self-excited brushless AC generator | | | |
| | Frequency Hz | | 60 | | 60 | | | |
| | Ra | ated output | (kVA) | 12.5 | 15.0 | 21.0 | 17.5 | 27.0 |
| | | | (kW) | 12.5 | 15.0 | 16.8 | 17.5 | 21.6 |
| | No. of phases | | 1 | 1 | 3 | 1 | 3 | |
| | Voltage (AC) (V) | | 120 / 240 | 120 / 240 | 120 / 208 | 120 / 240 | 120 / 208 | |
| | CL | urrent | (A) | 52.1 | 62.5 | 58.3 | 72.9 | 74.9 |
| | Po | ower factor | (%) | 100 | 100 | 80 | 100 | 80 |
| | No. of poles | | 4 | | 4 | | | |
| | Rating | | Continuous | | Continuous | | | |
| | Insulation class | | Н | | Н | | | |
| | Drive | | Direct | drive | Direct drive | | | |
| | Ту | Туре | | Vertical, water-cooled, 4-cycle diesel engine | | Vertical, water-cooled, 4-cycle diesel engine | | |
| | | odel | | D1703-E | V2203-E | V2203-E | | 03-E |
| | No. of cylinders | | 3 | 4 | 4 | 5 | | |
| | Bore × stroke [in.(mm)] | | 3.43 (87) × 3.64 (92.4) | | 3.43 (87) × 3.64 (92.4) | | | |
| Engine | To | tal displacement | [cu.in (cc)] | 100.5 (1647) | 134.1 (2197) | 134.1 (2197) | 167.6 | (2746) |
| S | Revolutions per minute | | 1800 | 1800 | 1800 | 1800 | | |
| | Continuous rated output | | 20.0 | 26.7 | 26.7 | 33.5 | | |
| | Lubricating oil | | API service class CC or CD 10W30 | | API service class CC or CD 10W30 | | | |
| | Oi | I capacity | [U.S.gal(#)] | 1.7 (6.3) | 2.3 (8.7) | 2.3 (8.7) | 2.8 (| 10.5) |
| | Co | colant capacity | [U.S.gal(/)] | 1.8 (6.9) | 2.1 (7.9) | 2.1 (7.9) | 2.5 (| 9.4) |
| | Fuel | | DIESEL No.2 (ASTM D975) | | DIESEL No.2 (ASTM D975) | | | |
| | Fuel tank capacity [U.S.gal(/)] | | 9.8 (37) | | 9.8 (37) 15.9 (60) | | (60) | |
| 38 | Fu | rel consumption | A DESCRIPTION | 1.2 (4.5) | 1.5 (5.8) | 1.6 (5.9) | 2.0 | (7.5) |
| | Starting method | | Electric starting | | Electric starting | | | |
| | Battery capacity (Ah) | | 80 | | 80 | | | |
| | 8 | Length | [in.(mm)] | 56.0 (1423) | 59.8 (1518) | 59.8 (1518) | 64.7 | (1643) |
| | S S | Width | [in.(mm)] | 25.6 (650) | 25.6 (650) | 25.6 (650) | 29.1 | (740) |
| | 0 | Height | [in.(mm)] | 38.2 (971) | 38.2 (971) | 38.2 (971) | 39.2 | (996) |
| | To | otal dry weight | [lbs.(kg)] | 1036 (470) | 1146 (520) | 1124 (510) | 1356 | (615) |
| | Emergency stop system | | In case of abnormal Oil pressure or water temperature | | In case of abnormal Oil pressure or water temperature | | | |
| | Security measures | | Door, fuel cap, control protection panel and radiator cap are lockable | | Door, fuel cap, control protection panel and radiator cap are lockable | | | |
| | No | oise level at 23ft.(7 | m) [dB(A)] | 75.5 | 76.5 | 76.5 | 77 | .5 |

Injury can occur: Do not connect generator to an electrical system unless an isolation switch has been installed. Specifications are subject to change without notice

Weight & Dimensions



| Model | | KJ-S1300 | KJ-S150V | KJ-T210V | KJ-T270F-SW |
|---------------------|------------|-------------|-------------|-------------|-------------|
| Length | [in.(mm)] | 56.0 (1423) | 59.8 (1518) | 59.8 (1518) | 64.7 (1643) |
| Width | [in.(mm)] | 25.6 (650) | 25.6 (650) | 25.6 (650) | 29.1 (740) |
| Height | [in.(mm)] | 38.2 (971) | 38.2 (971) | 38.2 (971) | 39.2 (996) |
| Total Dry Weight | (lbs.(kg)) | 1036 (470) | 1146 (520) | 1124 (510) | 1356(615) |

'Specifications and dimensions are subject to change without prior notice

Kubota









4016 Quartz Drive Santa Rosa, CA 95405 Phone: 707 539-9003 Fax: 707 539-5212 Email: sales@generatorjoe.NET Web www.generatorjoe.NET

KUBOTA KJ SERIES DIESEL ENGINE GENERATORS



Quiet and Heavy-Duty Power Generation 4-Pole/Single & Three Phase Prime Output: 12.5kW~21.6kW











SO 9001 Certified KUBOTA ENGINE PLANTS - SAKAI/TSUKUBA/SAKAI-RINKAI

Kubota Made. Quality Assured.

Kubota's untiring quest for quality led to the development of a new line of heavy-duty 4-pole generators, the KJ Series, Powered by Kubota's own clean emission Super 03-E Series diesel engines, the KJ Series generators ensure a much quieter, more efficient, and longer service life anywhere you need reliable, safe and economical electrical power. Every generator in this series is one-source designed, assembled, and tested to guarantee maximum performance and compatibility. KJ Series' alternator and the engine production plants have been approved and awarded ISO 9001 certification by Lloyd's Register Quality Assurance (LRQA). When the label reads Kubota, quality is assured.

Dependable Generation

Brushless Alternator

This brushless, self-exciting type alternator is designed to be used in producing high-quality electricity. Its convertible regulator (50/60Hz) electronic regulator is powered independently from the voltage detection circuit, therefore, regulation is not affected by distortions by the load.

Transistor Automatic Voltage Regulator(AVR)

All KJ Series generators are equipped with a transistor AVR to ensure a stable flow of current. In addition, any local condition can be matched with a control panel voltage adjuster.

Reduced Sound and Vibration

Kubota's inherent low sound design, a sound attenuated enclosure which effectively reduced all sound including that of the muffler, and the original E-TVCS combustion system substantially reduced the sound levels. Integral vibrations were also reduced by inserting rubber pads in critical areas.

| Model | Sound level during Rated Output at 23ft.(7m)[dB(A)] |
|-----------|--|
| KJ-\$130D | 75.5 |
| KJ-S150V | 76.5 |
| KJ-T210V | 76.5 |
| KJ-T270F | 77.5 |

Increased Safety **Automatic Shutdown** Mechanism

Should any abnormality occur in oil pressure or water temperature, this mechanism automatically stops the engine before it can be damaged.

Emergency Unit

Kubota gathered the emergency relay, timer relay, and safety relay into one unit to save space, simplify the wiring scheme, and to improve protection against water, dust, and vibration. Key switch stop and mechanical manual emergency stop mechanisms are also included in this unit

Protective Design

All rotating parts of the engine and generator are enclosed in a metal weather resistant enclosure for maximum operator safety

Ease of Operation & Portability

Convenient Front Panel Control

All switches and lamps are conveniently located in the center of the front panel for maximum accessibility.

Transportability Enhanced by Twin Point Lifting Eve

Twin point lifting eye made it easy to transport all KJ Series generators.

Carefree Maintenance One Side Maintenance

Oil, fuel, water, and filters are all located on one side for easy maintenance.



Automatic Air Bleeding

Air bubbles which can rob the engine of its power are automatically removed from the fuel line.

Easy-to-Mount & Remove **Battery Pack**

The battery pack, located in the rear of the generator, can be easily removed through the back panel.



Voltage Select Switch (SW Type Only)

A reconnectable type generator with a 120V/240V(single phase model) and 120/208(three phase model) changeover switch to enlarge the total application





Cleaner, Quieter, and More Reliable Super 03 Series Diesel Engines

- Sturdy built Super 03 Series engines promise great reliability and long service life with advantages to meet most any
- Kubota's original E-TVCS combustion system improved air/fuel mixture to create cleaner emissions
- Sound levels during load and no-load operations are kept to a minimum with Kubota's world renown diesel engine development technology and the superb E-TVCS combustion system.
- Super glow preheat system comes as standard equipment to shorten preheating time and quicken engine start ups in cold temperature.
- In addition, the Super 03 Series is also designed against asbestos pollution.



A.C.Ammeter

O No Fuse Breaker

Displays the current output

ON/OFF switch for circuit.

Output Terminals ---- (U, V, N)

Output Terminals (U,V.N.O)

Output Receptacle…120V(L5-20R)

Output Receptacle -- 120V(CS6370)

Output Receptacle -- 120V(L6-30R)

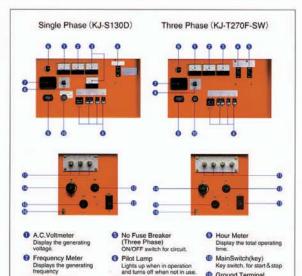
Output Recentacle -- 120V/5-20R GFII

Output Receptacle---120V/240V(CS6369)

GeneratorJoe



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Monitor Lamps

Voltmeter Adjuster

Ajusts the voltage

Turns on to signal irregul Stays off during normal

KJ-S130D

None

None

None

Ground Terminal

KJ-T210V

None

Operates as the main generator's ground to help prevent short circuit and electric shock.

KJ-T270F-SW

None