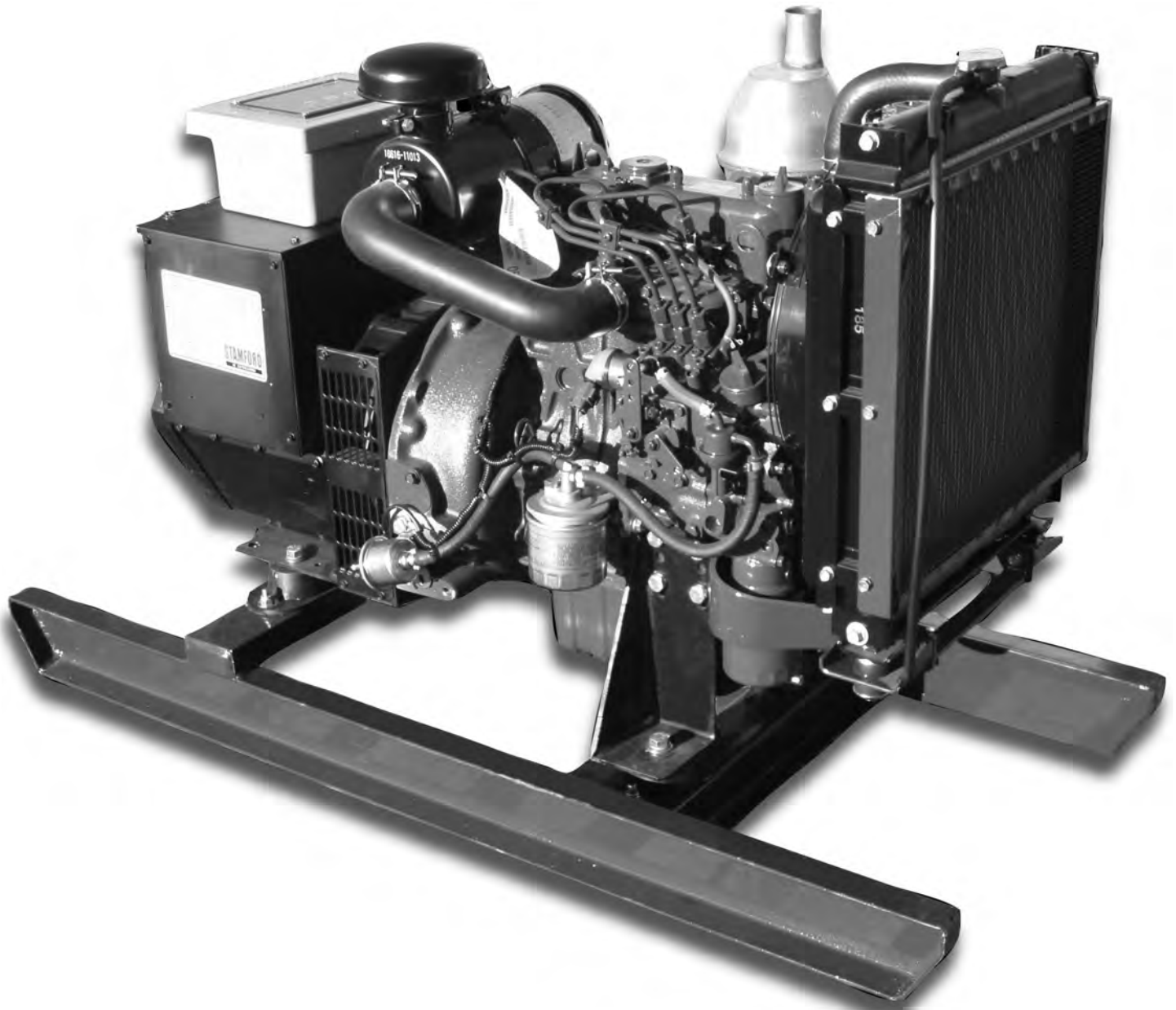


The K-Power Genset

Buy it standard or have it designed to fit your needs.



Available Models



Genset Model	Continuous kW Rating	Cylinders	RPM	Displacement (cu. in.)	Phase*
KPG-06-D10-MCR3	6	3	1800	1.001 (61.08)	1 or 3
KPG-08-D11-MCR3	8	3	1800	1.123 (68.53)	1 or 3
KPG-10-D13-MCR3	10	3	1800	1.261 (76.95)	1 or 3
KPG-12-V15-MCR3	12	4	1800	1.498 (91.41)	1 or 3
KPG-15-D17-MCR3	15	3	1800	1.647 (100.5)	1 or 3
KPG-18-V20-MCR3	18	4	1800	1.999 (122.0)	1 or 3
KPG-20-V22-MCR3	20	4	1800	2.197 (134.1)	1 or 3
KPG-24-V24-MCR3	24	4	1800	2.434 (148.5)	1 or 3
KPG-28-V33-MCR3	28	4	1800	3.318 (202.48)	1 or 3
KPG-36-V36T-MCR3	36	4 Turbo	1800	3.620 (220.9)	1 or 3
KPG-45-V38T-MCR3	45	4 Turbo	1800	3.769 (230.0)	1 or 3

*Most of our generators are reconfigurable to a variety of voltage and phase arrangements. Please contact ESI regarding system availability and specifications.

Kubota Engine Features:

Vertical 4-cycle Liquid Cooled Diesel • All Service Points Located on One Side of Engine • EPA Compliant E-TVCS Combustion System • Fuel Efficiency • Reduced Noise • Bosch or Denso Cassette Type Fuel Injection Pump • Counterclockwise Direction of Rotation (viewed from flywheel side) • Requires Lubricating Oil Better than CD Class • Uses ULSD Fuel

K-Power Industrial Generator Standard Features:

Kubota Diesel Engine • Mecc Alte Generator End • ESI Built Heavy Duty Skid with CalyDyn Rubber Vibration Isolators • 12 Volt Electric Starter and Battery Charging Alternator • Automatic Engine Shutdown for Low Oil Pressure/High Coolant Temperature • Fuel Filter • Built-in Fuel Transfer Pump • Dry Air Cleaner • Unit Mounted Solid State Voltage Regulator • Manual Start Panel • Engine Hour Meter • Radiator Kit with Overflow Bottle • Muffler Kit • Arctic Flex Wiring • 4 Foot Arctic Flex Battery Cables

Customizations

Specialty Generator Ends

- Motor Starting Ends
- Space Saver Ends
- Single Phase Dedicated Ends
- Marine Application Ends

Arctic Enclosures

- Designed and Built by ESI
- 10ga Steel Construction
- Snow Hoods Over Air Intake
- Thermostatic Air Control Kit to Regulate Compartment Temperature
- Optional Built-in Fuel Tank, Designed for at Least 24 Hours of Run Time
- Available with Hinged or Removable Door and Other Customer Specified Design Elements



Control Panel Options

- Autostart Packages
- Various inputs, outputs and trip levels available
- Red LED Meters to include volt, amp, and frequency (Hz)

Extended Service Oil Pan Packages

- Increase time between oil changes from 200 hours to 3000 hours
- Decrease maintenance costs and lost time



Additional Custom Options

- Remote Sensing and Generator Control Packages
- Engine Block & Oil Pan Heater (standard in Alaska)
- Fuel tanks of various capacities and dimensions
- Double walled fuel tanks
- Trailers for portability and convenience
- Helicopter Lift Frames
- Fumoto Oil Valves or Wiggins oil drain systems to reduce spills and increase the speed of oil changes
- MAC Muffler Exhaust systems

The ESI Difference

Locations	Renton, Washington; Anchorage and Fairbanks, Alaska + Over 800 engines and generators in stock in Washington and Alaska. + Large variety of parts and accessories in stock at all locations
Licensed Electrical Engineer on Staff	Engineering teams, in Fairbanks, oversees all AC and DC design. Also available to design custom remote sensing and control systems.
Kubota Engine	+ America's #1 selling engine under 100hp +Conservative hp ratings: lasts longer, higher reliability, capable of very high surge loads and greater elevation changes. Very good fuel economy.
Mecc Alte Generator End	ISO 9001 and ISO 14001 registered. CSA and UL Listed + Widely accepted and easy parts acquisition. + Very easy access in J box and terminal strip. + 30,000 hour bearing life. 3 times longer, less down time and maintenance.
Motor Starting Generator Option	An alternative to the standard generator end, these ends are designed specifically for starting and running large electric motors by better utilizing the horse power of the engine during motor start up. Consequently the engine/generator package is more closely matched to the running load. This results in overall smaller size and lower operating cost.
Extended Service Oil Pan Option	Increases service intervals from 200 hours up to 1,500 to 3,000 hours, depending on engine model.No suction hoses or rubber oil drains. Utilizes heat convection for oil circulation with sophisticated internal baffles.
Phase and Voltage Selection	1 and 3 phase configurations available in all sizes, with customer specified voltages.
Control Panel	Wide variety of control panels, features and specialized configurations available.
Electrical	All wiring is Arctic Flex; UL listed and rated from -55C to +105C.
Skid Frame	Designed and manufactured by ESI, our welded heavy duty structural steel skids won't shake apart or bend when moved. Custom designs, to include helicopter lifts, low profile skids and more are available.
Generator Mounting Design	Mecc Alte generators are designed with the mounting feet directly underneath the generator and bolt through to the stator housing. This creates a stronger mounting design when combined with our seven inch wide formed steel mounting feet and 520lb CalyDyn vibration isolating mounts.
Anti Freeze Recovery	Antifreeze recovery bottles are installed on all generators, keeping the anti freeze contained so that it returns to the radiator as the engine cools down. Protects the environment and you from spills.
Engine Exhaust	Multiple exhaust manifold and muffler outlet designs for 6-22 kw generators make the installations easier.



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