

BAUMALight

12 KW DIESEL GENSET POWER SOURCE

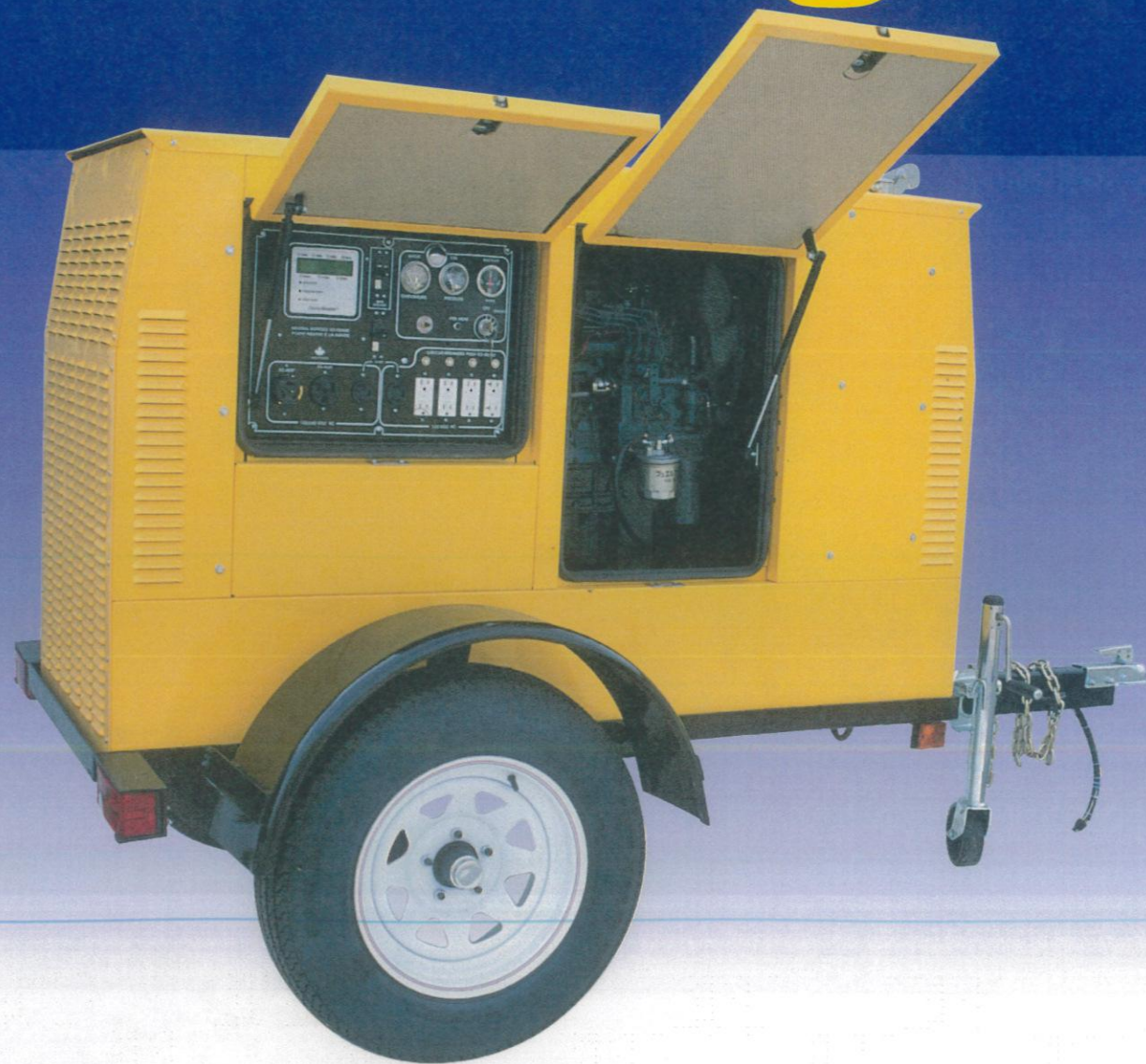


Model MDK012-1E

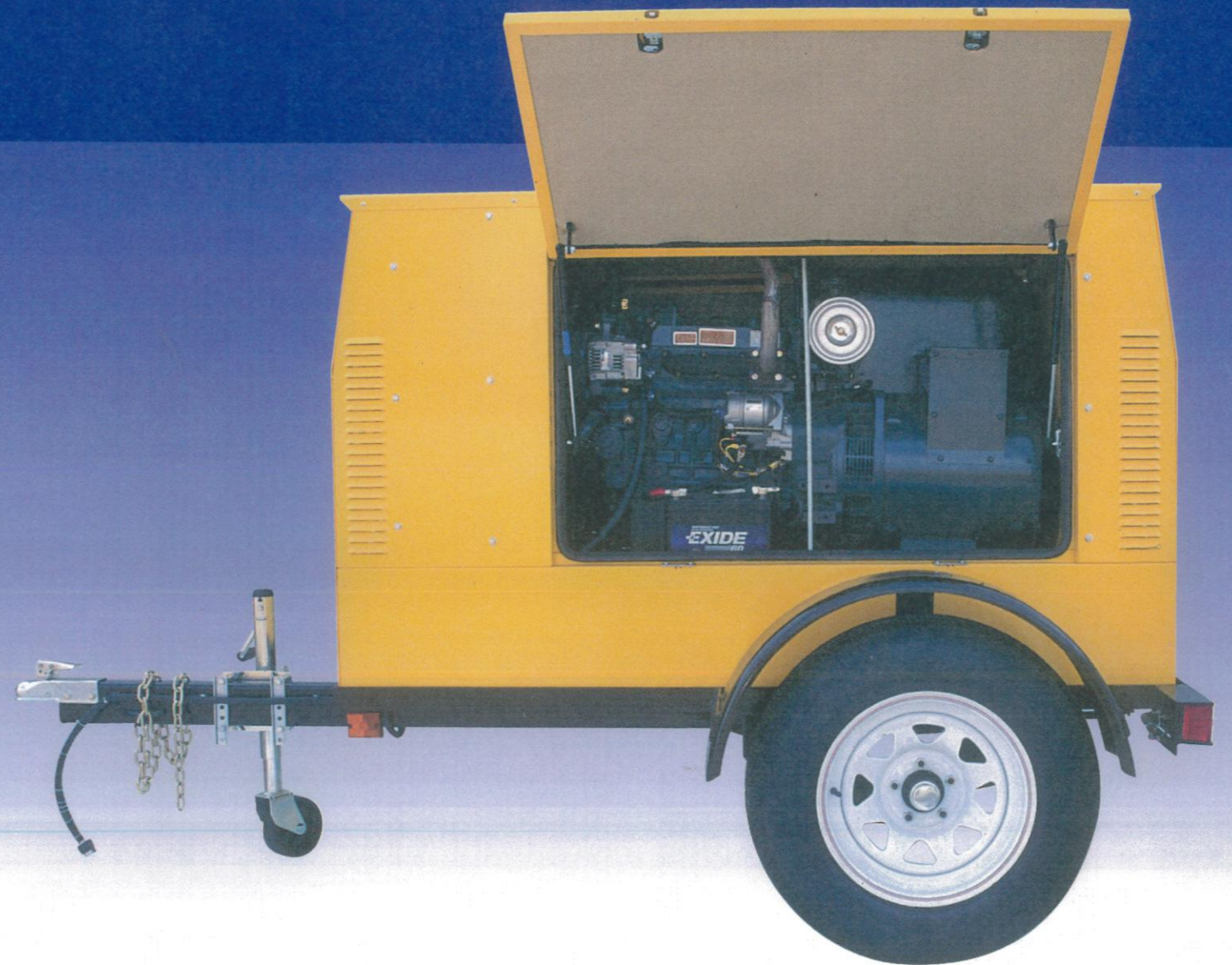
Powered by: Kubota Diesel

*Ideal for emergency, mining, construction,
workshop, households, farm & camping.*

BAUMAlight



PORTABLE POWER



Kubota Diesel Engine: Low speed (1,800 rpm) Superb combustion system improves the power output, fuel economy, and engine start-ups, while reducing both noise and toxic emissions.

Friendly to the Environment:

Kubota was the first manufacturer to pass U.S. CARB ULGE emission regulations (Californian emission control) for engines under 25 HP. All Kubota-made diesel engines are now in compliance with the U.S. E.P.A., the European EC, and the Japanese MOC regulations. Generators meet the requirements of NEMA MG1-22, IEE, CSA22.2, ANSI, and NFPA.

Large Capacity, High Speed Flyweight Governor:

Instead of the conventional ball type governor, a large capacity, high-speed flyweight governor is used. This ensures stable operation at a high torque rise and steady state governor regulation.

Low Noise:

Kubota's already existing low noise levels during load and no-load operations were further reduced with the help of the E-TVCS, standard built-in steel strut Offset Piston, and the increased rigidity of the crank and gear cases. Super quiet enclosure with baffled air vents. Vibration isolators ensure low noise levels and long-term durability of all components.

Power Principles:

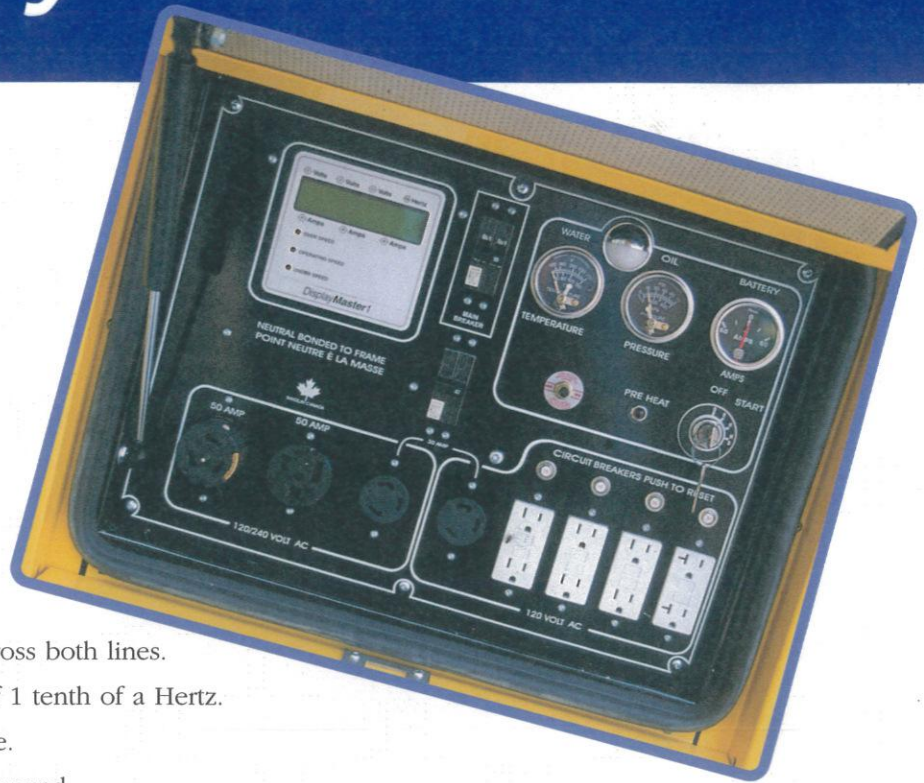
- Murphy system for automatic shutdown if oil pressure or water temperatures exceed safe operating levels.
- Convenient reset circuit breakers prevent overload damage.
- Heavy duty construction.
- Large fuel tank for extended continual running, 24 hour run time.
- Brush less style eliminates the need for tedious repairs.
- Copper windings.
- Automatic voltage regulation.
- Rugged solid-state digital display.
- Limited warranty year / 2000 hour. (lesser).
- Made in Canada.

This ideal portable electric power supplier is a multi purpose generator for many uses.

DisplayMaster1

FEATURES:

- Microprocessor speed
- Solid-state reliability
- Digital accuracy
- Rugged design for noisy industrial environment
- Backlit display
- Scrolls at 30-second intervals
- Tested under sub-zero conditions
- Easy board exchange with plug-in connectors



Voltage: Voltage is displayed for each line and in single phase the third value is the average across both lines.

Hertz: Hertz (frequency) is shown in a value of 1 tenth of a Hertz.

Amperage: Amperage is displayed for each line.

Kw:* Kw is shown; this is the actual load being used.

Kva:* Kva is also shown, this is the actual parent power required and should not exceed the rated power of the machine.

Power Factor:* Power factor (out-of-phase lag) is calculated and displayed. A totally resistive load (heat) will have a power factor of one while a totally inductive load (motors) could be as low as .8; a higher power factor means better efficiency.

Runtime: Runtime is recorded and displayed; this is total hours the unit has run from new.

Kw Hours:* Kw hours are calculated and displayed; this is total current in Kw produced. One Kw for one hour is one Kw hour, and ten Kw for one hour is ten Kw hours; while one Kw for 10 hours is also ten Kw hours. Kw hours produced are recorded to memory and multiplied from day one.

Peak / Average Kva:* Peak and average Kva is monitored and displayed. This is a calculation based on the span between machine start-up and machine shutdown.

** Not available in 3 phase delta connection.*

SPECIFICATIONS: Model MDK012-1E

- AC output maximum 12,800 watts
- Continuous operation rated watts 11,500
- Rated amperage 50
- Frequency (Hz) 60
- Engine 21-horse power
- Fuel capacity 112 litres
- Run 48 hrs. 1/2 load, 24 hrs, Full load.
- Weight 1050 lb.

All specifications subject to change without notice. Larger size and higher KW generators also available.



BAUMAlight

Manufactured by

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