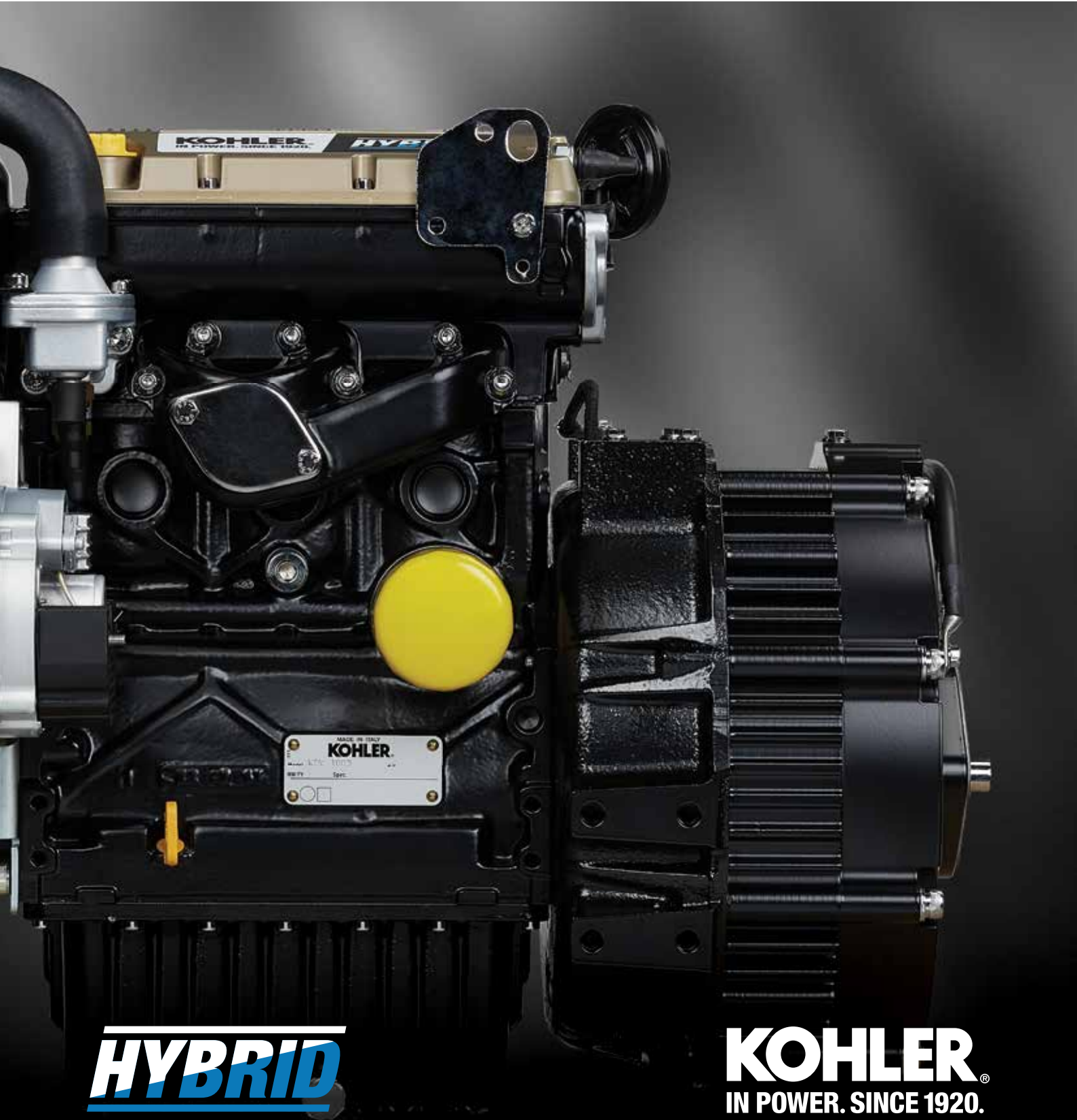


KOHLER® K-HEM

Hybrid Energy Module



HYBRID

KOHLER®
IN POWER. SINCE 1920.

Rather than set the different energy sources up in competition with each other, Kohler integrates them so as to reap all of their potential value



Hybrid electrical and mechanical combined power generation unit composed of:

- KDW 1003 diesel engine
- 48-volt electric engine (15 kW of power peak / 9 kW of continuous power)

POPULAR FACTORY OPTIONS

K-HEM 1003 can operate as a generator and as an energy accumulation system

K-HEM 1003 is suitable for wide range of applications: forklifts, tractors with implements, welders, mowers, aerial platforms, etc.

The built-in master control unit monitors and manages working modes and transitions

KEY BENEFITS:

- Reduction of engine complexity
- No aftertreatment system
- Surplus energy storage
- Energy recovery system
- Low emission rate

MODEL	Hybrid KDW1003 / K-HEM
GROSS POWER @ 3000 RPM max. kW (Hp)	17.7 + 15.0 Peak Electric (23.6 + 20.0 Peak Electric)
PEAK TORQUE@ RPM (Nm)	60 + 100 (Peak Electric) @ 2000
ARCHITECTURE	3-Cylinders-in-line Engine
INTAKE	Naturally Aspirated
INJECTION	Indirect Mechanical
VALVES	2 per Cylinder
DISPLACEMENT (cc)	1028
BORE (mm)	75
STROKE (mm)	77.6
COMPRESSION RATIO	22.8:1
DRY WEIGHT lb (kg)	289 (131)
OIL CAPACITY U.S. qt (L)	25.4 (2.4)

For more information, contact your KOHLER source of supply. Kohler Co. reserves the right to make modifications without prior notice.