



 **clarke energy**
Western Australia



Stand-by Generator Set

DIESEL SILENCE RANGE
6 to 16 kVA

ADVANTAGES OF THE RANGE



Sound level
>95 LwA dB(A) across the range



Power
from 4.9 kW to 15.6 kVA



Autonomy
from 10.4 to 22.5 h



Usage
Can be used in extreme outdoor conditions from -20 °C to 49 °C.



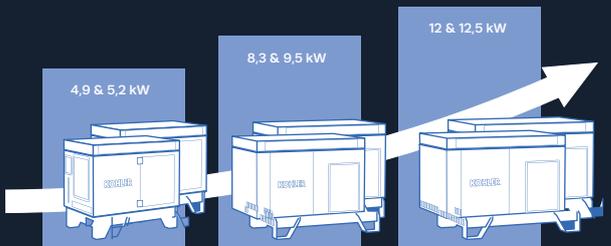
Specifications
High-quality steel alloy offering excellent corrosion resistance.



HVO
Engines compatible with HVO100 without modifications



GSC
Generator Smart Care as standard, for tracking generating set maintenance.



FIELDS OF USE

MOBILE APPLICATIONS

CONSTRUCTION SITES | EVENTS | EMERGENCY DEPLOYMENT

From construction sites and agricultural operations to events and emergency backup, the Kohler Silence Diesel range from Clarke Energy Western Australia delivers reliable mobile power wherever it's needed.

Designed for flexibility and low-noise operation, these generators keep tools, pumps, lighting and communications running in demanding environments. Heavy-duty alternators are engineered to manage large, sudden load changes, while AVR-equipped models provide stable voltage to protect sensitive equipment.

Each unit is designed for straightforward transport and deployment, with an integrated lifting eye and compact footprint suited to pallet trucks, forklifts and cranes. Quiet, efficient and built for field use, the Kohler Silence Diesel range offers a dependable mobile power solution for projects across Western Australia.

FIXED & STAND-BY APPLICATION

RESIDENTIAL | COMMERCIAL | CARE CENTRE

For fixed and standby applications, Clarke Energy Western Australia delivers fully integrated, turnkey power solutions tailored to site and load requirements.

Each package includes correctly sized generation equipment, automatic transfer switches for seamless changeover, remote start and monitoring, and full UPS and switchboard integration. Ongoing reliability is supported through scheduled servicing and long-term parts availability.

Designed for quiet operation, long run times and demanding duty cycles, the Kohler Silence Diesel range incorporates Smart Care maintenance tracking, fluid recovery tanks and HVO100 compatibility.

All systems are backed by a three-year warranty and Clarke Energy's established service and support network.

REGULATORY COMPLIANCE

STAGE V engine (2016/1628 EU)

Engine compliant with STAGE V regulations: This regulation on pollutant emissions in Europe concerns all non-road mobile motorized engines used in Europe; i.e. all machinery equipped with a combustion engine (petrol, diesel, gas), excluding vehicles, which may be moved to be used, either for personal or professional usage.

Sound level (2000/14/EC)

Sound level compliant with the provisions of standard 2000/14/EC: This is the European Directive on sound power

for outdoor machines. The sound level limit for generators over 3.1 kW is 97 dB(A).

RoHS2

Compliance with the directive designed to limit the use of certain hazardous materials in electrical or electronic equipment marketed in the EU.

REACH

All products in the DIESEL SILENCE range strictly comply with the European REACH regulation. This legislation imposes on manufacturers and importers the responsibility of manufacturing, marketing, importing or using substances that do not have harmful effects on human health and the environment.

Fluid recovery tank

All generating sets in the SILENCE range are equipped with a fluid recovery tank to prevent soil pollution and to help support "clean work site" policies.

WARRANTY & PARTS

KOHLER offers a 3-year warranty on its DIESEL SILENCE range.

KOHLER ensures stock and availability of spare parts for equipment for up to 10 years as a minimum.

SINGLE-PHASE

DIESEL 6000 A SILENCE C5

Power: 4.9 kW
Autonomy: 22.5 h
Alternator type: AVR



DIESEL 10 LC A SILENCE C5

Power: 8.3 kW
Autonomy: 10.4 h
Alternator type: AVR



DIESEL 12 LC A SILENCE C5

Power: 12 kW
Autonomy: 13.9 h
Alternator type: AVR



THREE-PHASE

DIESEL 6500 TA SILENCE C5

Power: 6.5 kVA – 5.2 kW_e
Autonomy: 22.5 h
Alternator type: AVR



DIESEL 15 LC TA SILENCE C5

Power: 11.9 kVA – 9.5 kW_e
Autonomy: 10.4 h
Alternator type: AVR



DIESEL 16 LC TA SILENCE C5

Power: 15.6 kVA – 12.5 kW_e
Autonomy: 13.9 h
Alternator type: AVR





1. POP-UP ROOF

Enables access to those points which need to be checked before each start-up (oil level, battery).

2. REMOVABLE PANEL

Enables access to additional maintenance points.

3. REINFORCED FEET

Enable generators to be handled using fork lifts and pallet trucks.

4. LIFTING EYE

Enables the generator to be moved using a hoist or a flatbed with a crane.

5. HIGH-TECH ENCLOSURE

European steel offering high resistance to corrosion. Design combining uncompromising cooling and sound level.

6. FLUID RECOVERY TANK

Offering sufficient capacity, it protects the soil from any hydrocarbon pollution.

7. REMOVABLE PLATE ON THE CONTROL PANEL

Provides access to a termination box directly connected to the circuit breaker.

TECHNICAL SPECIFICATIONS EQUIPMENT AND OPTIONS

SINGLE-PHASE	DIESEL 6000 A SILENCE AVR C5	DIESEL 10 LC A SILENCE AVR C5	DIESEL 12 LC A SILENCE AVR C5
Alternator type	AVR	AVR	AVR
Engine	KOHLER KD15-440E_C5	KOHLER KDW702-H_C5	KOHLER KDW1003-H_C5
Control module	APM202	APM202	APM303
Voltage (V)	230	230	230
MAX power (kW)	4.9	8.3	12
COP power (kW)	4.16	7.2	10.8
Current (A)	18.1	31.3	47
Tank (L)	27	27	50
Autonomy (h)	22.5	10.4	13.9
Acoustic pressure @ 7m in dB (A)	63	65	66
Dimensions l x w x h in cm	99 x 61.5 x 96	121.1 x 79 x 105.6	141 x 80 x 105.6
Weight (kg)	216	310	358

THREE-PHASE	DIESEL 6500 TA SILENCE AVR C5	DIESEL 15 LC TA SILENCE AVR C5	DIESEL 16 LC TA SILENCE AVR C5
Alternator type	AVR	AVR	AVR
Engine	KOHLER KD15-440E_C5	KOHLER KDW702-H_C5	KOHLER KDW1003-H_C5
Control module	APM202	APM202	APM303
Voltage (V)	400 / 230	400 / 230	400 / 230
MAX power (kW/kVA)	5,2 / 6,5	9,5 / 11,9	12,5 / 15,6
COP power (kW)	4.16	8	10.8
Current (A) per phase	6	11.5	15.6
Tank (L)	27	27	50
Autonomy (h)	22.5	10.4	13.9
Acoustic pressure @ 7m in dB(A)	63	65	66
Dimensions l x w x h in cm	99 x 61.5 x 96	121.1 x 79 x 105.6	141 x 80 x 105.6
Weight (kg)	216	315	364

EQUIPMENT AND OPTIONS

	DIESEL 6000 A SILENCE AVR C5	DIESEL 6500 TA SILENCE AVR C5	DIESEL 10 LC A SILENCE AVR C5	DIESEL 12 LC A SILENCE AVR C5	DIESEL 15 LC TA SILENCE AVR C5	DIESEL 16 LC TA SILENCE AVR C5
Fluid recovery tank	Standard	Standard	Standard	Standard	Standard	Standard
Working hours counter	Standard	Standard	Standard	Built into the APM 303	Standard	Built into the APM 303
Generator Smart Care	Standard	Standard	Standard	Standard	Standard	Standard
VERSO 50 Automatic Transfer Switch	Retrofitting	Retrofitting	Retrofitting	Retrofitting	Retrofitting	Retrofitting
RSTART2 remote starting control	Retrofitting	Retrofitting	Retrofitting	Retrofitting	Retrofitting	Retrofitting
Road trailer				Factory-fitted option		Factory-fitted option
Trolley kit	Retrofitting	Retrofitting	Retrofitting		Retrofitting	
Maintenance kit	RKDS6	RKDS6	RKDS6	RKDS6	RKDS6	RKDS6