rehlko

Diesel Silence

6 – 16 kVA | 50Hz

Portable line





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.







A APM202 or APM303 Control module
B Emergency stop button
C Automatic Transfer Switch connector
D Start key
E Circuit breaker and residual current device *
F Socket pack
G Ground connection point

**if generator equipped (RCD version)*

Advantages of the range

Controlled **acoustic profile**
The profile has been optimized to ensure noise levels below 95 dB(A) LwA across the entire range.

Tailored **to your needs**
Range of generators offering single-phase and three-phase power outputs from 4.9 kW to 15.6 kVA, with standard voltage regulation or AVR.

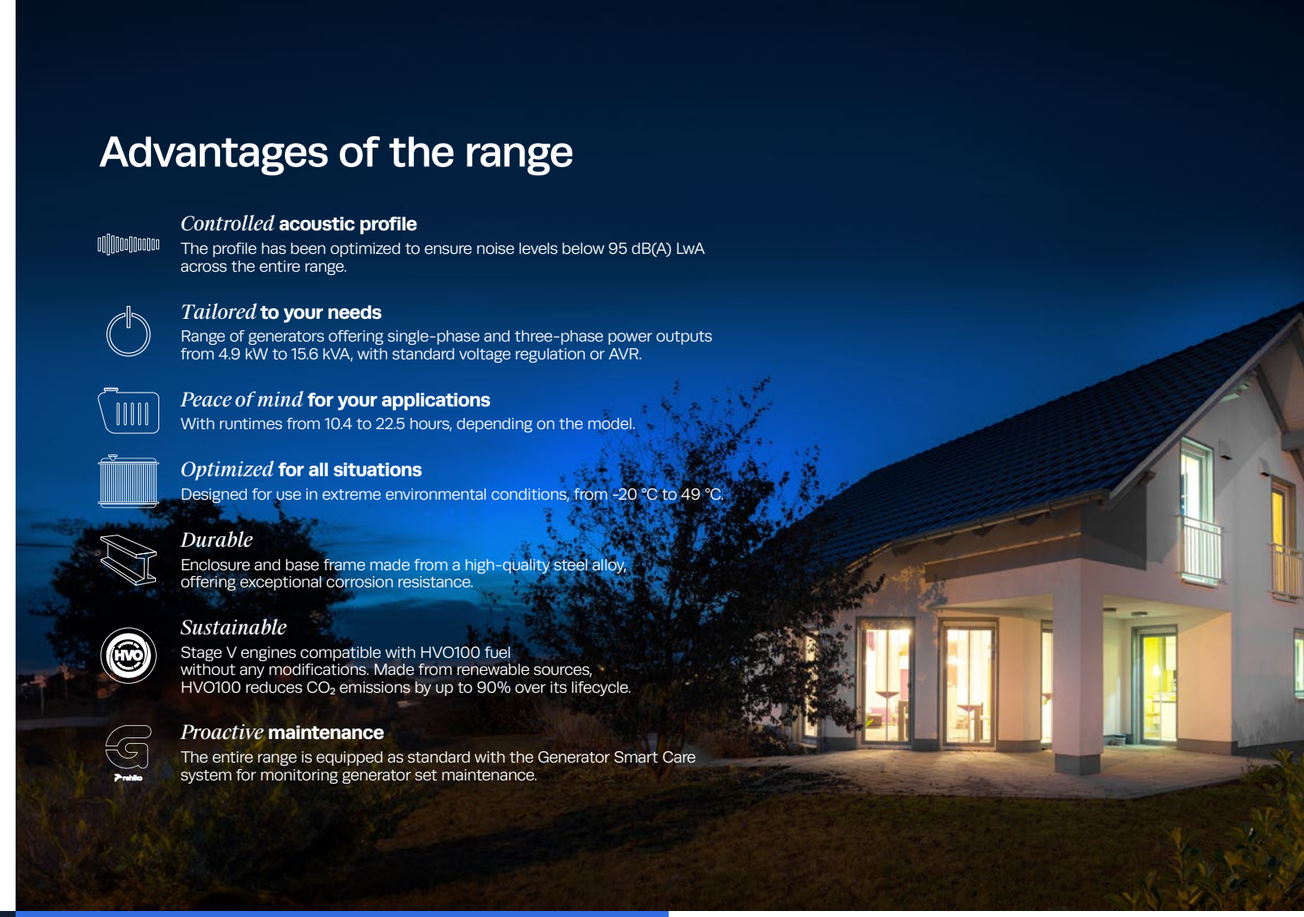
Peace of mind **for your applications**
With runtimes from 10.4 to 22.5 hours, depending on the model.

Optimized **for all situations**
Designed for use in extreme environmental conditions, from -20 °C to 49 °C.

Durable
Enclosure and base frame made from a high-quality steel alloy, offering exceptional corrosion resistance.

Sustainable
Stage V engines compatible with HVO100 fuel without any modifications. Made from renewable sources, HVO100 reduces CO_2 emissions by up to 90% over its lifecycle.

Proactive **maintenance**
The entire range is equipped as standard with the Generator Smart Care system for monitoring generator set maintenance.



Fields of use

MOBILE application

Construction site · Site facilities events

Power your construction site equipment thanks to our large alternators which can absorb high load impacts. And our AVR alternators offer stable voltage for powering sensitive equipment.

Transporting and handling a generating set in the Silence range is facilitated by the lifting eye which is fitted as standard and takes up little space, close to a pallet, for quick and easy handling with a pallet truck, forklift truck or crane.

FIXED & STAND-BY application

Residential · Commercial · Office · Care centre

Provide secure electrical power with a fixed generating set offering high autonomy. Power your sensitive equipment with the AVR, providing stable voltage.

Warranty & parts

Rehlko offers a 3-year warranty* on its Diesel Silence range.

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

** Applicable terms may vary depending on the country of purchase; please refer to local conditions.*

WARRANTY 3 years

SPARE PARTS 10 years

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.

Single-phase

DIESEL 6000 A SILENCE C5



DIESEL 10 LC A SILENCE C5



DIESEL 12 LC A SILENCE C5



Three-phase

DIESEL 6500 TA SILENCE C5



DIESEL 15 LC TA SILENCE C5



DIESEL 16 LC TA SILENCE C5



		Single-phase						Three-phase					
Model		*DIESEL 6000 A SILENCE C5*	*DIESEL 6000 A SILENCE AVR C5*	*DIESEL 10 LC A SILENCE C5*	*DIESEL 10 LC A SILENCE AVR C5*	*DIESEL 12 LC A SILENCE C5*	*DIESEL 12 LC A SILENCE AVR C5*	*DIESEL 6500 TA SILENCE C5*	*DIESEL 6500 TA SILENCE AVR C5*	*DIESEL 15 LC TA SILENCE C5*	*DIESEL 15 LC TA SILENCE AVR C5*	*DIESEL 16 LC TA SILENCE C5*	*DIESEL 16 LC TA SILENCE AVR C5*
Reference	Standard	3499231004197	3499231004203	3499231004623	3499231004630	3499231005088	3499231005095	3499231004227	3499231004234	3499231004654	3499231004661	3499231005118	3499231005125
	RCD	3499231920916	3499231920909	3499231920855	3499231920848	3499231005293	3499231005309	3499231005309	3499231920947	3499231920879	3499231920862	3499231005316	3499231005323
Electricity													
Number of Phase		1	1	1	1	1	1	3	3	3	3	3	3
Nominal voltage (V)		230	230	230	230	230	230	400	400	400	400	400	400
MAX power (kW)		4,9	4,9	8,3	8,3	12	12	-	-	-	-	-	-
MAX power (kVA)		-	-	-	-	-	-	6,5	6,5	11	11	15,6	15,6
Rated power COP (kW)		4,16	4,16	7,20	7,20	10,80	10,80	4,16	4,16	7,20	7,20	10,80	10,80
Frequency (Hz)		50	50	50	50	50	50	50	50	50	50	50	50
Assigned current (A)		18,1	18,1	31,3	31,3	47	47	6	6	10,4	10,4	15,6	15,6
Engine													
Engine brand		Rehlko	Rehlko	Rehlko	Rehlko	Rehlko	Rehlko	Rehlko	Rehlko	Rehlko	Rehlko	Rehlko	Rehlko
Engine ref.		KD15-440E_C5	KD15-440E_C5	KDW702-H_C5	KDW702-H_C5	KDW1003-H_C5	KDW1003-H_C5	KD15-440E_C5	KD15-440E_C5	KDW702-H_C5	KDW702-H_C5	KDW1003-H_C5	KDW1003-H_C5
Fuel		Diesel compatible with HVO100	Diesel compatible with HVO100	Diesel compatible with HVO100	Diesel compatible with HVO100	Diesel compatible with HVO100	Diesel compatible with HVO100	Diesel compatible with HVO100	Diesel compatible with HVO100	Diesel compatible with HVO100	Diesel compatible with HVO100	Diesel compatible with HVO100	Diesel compatible with HVO100
Tank (L)		27	27	27	27	50	50	27	27	27	27	50	50
Autonomy 75% (h)		22,5	22,5	10,4	10,4	13,9	13,9	22,5	22,5	10,4	10,4	13,9	13,9
Acoustic level													
Guaranteed level of sound power LwA dB(A)		92	93	94	94	95	95	92	93	94	94	95	95
Acoustic pressure level @7m in dB(A)		63	64	65	65	66	66	63	64	65	65	66	66
Dimensions													
Weight (kg)		198	216	310	310	358	358	216	216	315	315	364	364
Dimensions l x w x h in cm		99 x 62 x 96	103 x 62 x 96	121 x 79 x 106	121 x 79 x 106	141 x 80 x 105	141 x 80 x 105	99 x 62 x 96	101 x 62 x 96	121 x 79 x 106	121 x 79 x 106	141 x 80 x 105	141 x 80 x 105
Panel													
Sockets code	Standard	P1ZD	P1ZD	P1ZL	P1ZL	P1ZR	P1ZR	P1ZE	P1ZE	P1ZM	P1ZM	P1ZS	P1ZS
	RCD	P1ZY	P1ZY	P1AD	P1AD	P1AF	P1AF	P1ZZ	P1ZZ	P1AE	P1AE	P1AG	P1AG
Control module		APM202	APM202	APM202	APM202	APM303	APM303	APM202	APM202	APM202	APM202	APM303	APM303
Differential protection		○	○	○	○	○	○	○	○	○	○	○	○
Comissionning													
Generator Smart Care		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Manual transfer switch		R05M	R05M	R05M	R05M	R05M	R05M	VERSO 10T 40A	VERSO 10T 40A	VERSO 10T 40A	VERSO 10T 40A	VERSO 10T 40A	VERSO 10T 40A
Automatic Transfer Switch		VERSO 50 MONO 40A	VERSO 50 MONO 40A	VERSO 50 MONO 40A	VERSO 50 MONO 40A	VERSO 50 MONO 100A	VERSO 50 MONO 100A	VERSO 50 TRI 25A	VERSO 50 TRI 25A	VERSO 50 TRI 25A	VERSO 50 TRI 25A	VERSO 50 TRI 40A	VERSO 50 TRI 40A
Remote starting control		RSTART2	RSTART2	RSTART2	RSTART2	RSTART2	RSTART2	RSTART2	RSTART2	RSTART2	RSTART2	RSTART2	RSTART2
Handling													
Central lifting eye		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Trolley kit		RKB3	RKB3	RKB6	RKB6	–	–	RKB3	RKB3	RKB6	RKB6	–	–
Road trailer		–	–	R08F	R08F	R08F	R08F	–	–	R08F	R08F	R08F	R08F
Maintenance													
Maintenance kit		RKDS5	RKDS5	RKDS6	RKDS6	RKDS6	RKDS6	RKDS5	RKDS5	RKDS6	RKDS6	RKDS6	RKDS6

✓ *Standard equipment* ○ *Standard on the RCD version* – *No equipment available*

APM202 and APM303

The APM202 and APM303 are versatile control solutions, equipped with indicator lights and/or an LCD screen with an intuitive interface.

They provide a simplified, reliable way to monitor and operate the generator set.

Integrated into the front panels of all generating sets in the Diesel Silence range, these controllers provide a plug-and-play connection with the Verso 50 automatic transfer switch, which is specifically designed for backup applications.

Functions

- Manual and automatic mode (with auto start input)
- Generating set protection and management
- Electrical measurements, including output (only on the APM303)



APM202



APM303

Manual transfer switches



R05M



VERSO 10 T 40A

The manual transfer switch allows a generating set to be safely connected to a home or commercial building.

It is used to manually control the power supply source and switch to the generating set in the event of a failure in the main power grid, thereby ensuring uninterrupted service. In the event of a power outage, simply start up the generating set and set the transfer switch to the *Auxiliary Source* position to supply all or some of the building's electrical circuits.

Automatic transfer switches

The automatic transfer switch safeguards the power supply to a home or commercial building without the need for any human intervention in the event of a failure in the main power grid. It continuously monitors the mains power supply and automatically starts up and switches over to the generating set in the event of an outage to supply power to the building. Once the main grid power has been restored and stabilized, the transfer switch automatically switches back to the main source and shuts down the generating set, ensuring an optimal, reliable uninterrupted power supply.



VERSO 50

The Verso 50 can only be installed on generating sets equipped with an APM202 or an APM303.

Sockets code

Reference	Description
P1ZD	1 230V 10/16A socket - circuit breaker + 1 230V 16A socket - circuit breaker + 1 230V 32A socket - circuit breaker + hour meter + indicator + APM202
P1ZY	1 230V 10/16A socket - circuit breaker + 1 230V 16A socket - circuit breaker + 1 230V 32A socket - circuit breaker + hour meter + indicator + APM202 + differential protection
P1ZL	2 230V 10/16A sockets - circuit breaker + 1 230V 16A socket - circuit breaker + 1 230V 32A socket - circuit breaker + emergency stop button + hour meter + indicator + APM202
P1AD	2 230V 10/16A sockets - circuit breaker + 1 230V 16A socket - circuit breaker + 1 230V 32A socket - circuit breaker + emergency stop button + hour meter + indicator + APM202 + differential protection
P1ZR	2 230V 10/16A socket - circuit breaker + 1 230V 16A socket - circuit breaker + 1 230V 32A socket - circuit breaker+ Emergency stop button + APM303
P1AF	2 230V 10/16A socket - circuit breaker + 1 230V 16A socket - circuit breaker + 1 230V 32A socket - circuit breaker+ Emergency stop button + APM303 + differential protection
P1ZE	1 230V 10/16A socket - circuit breaker + 1 230V 16A socket - circuit breaker + 1 400V 16A socket - circuit breaker + hour meter + indicator + APM202
P1ZZ	1 230V 10/16A socket - circuit breaker + 1 230V 16A socket - circuit breaker + 1 400V 16A socket - circuit breaker + hour meter + indicator + APM202 + differential protection
P1ZM	1 230V 10/16A socket - circuit breaker + 3 230V 16A sockets - circuit breaker + 1 400V 16A socket - circuit breaker + emergency stop button + hour meter + indicator + APM202 + differential protection
P1AE	1 230V 10/16A socket - circuit breaker + 3 230V 16A sockets - circuit breaker + 1 400V 16A socket - circuit breaker + emergency stop button + hour meter + indicator + APM202
P1ZS	1 230V 10/16A socket - circuit breaker + 3 230V 16A sockets - circuit breaker + 1 400V 32A socket - circuit breaker + emergency stop button + APM303
P1AG	1 230V 10/16A socket - circuit breaker + 3 230V 16A sockets - circuit breaker + 1 400V 32A socket - circuit breaker + emergency stop button + APM303 + differential protection
P1V	1 230V 10/16A socket - circuit breaker + 1 230V 16A socket - circuit breaker + 1 400V 32A socket - circuit breaker + Residual Current Device 30 mA + APM303

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