

ULTRA SILENT GENERATOR SETS

RIPOR ultra silent generator sets have power ratings ranging from 15kW to 100kW. From the design and manufacturing of the core power to the assembly of the entire machine and its modular structure, this series of generator sets combines significant characteristics such as strong power, reliable performance, extremely low noise operation, and easy maintenance. They can be widely used in various locations, including home lighting, office buildings, hospitals, construction sites, and municipal projects. In addition to these applications, RIPOR can quickly customize solutions to meet your specific power needs.



Intelligent Control, Easier Operation

The control module and all maintenance doors of the generator set are designed to be waterproof, dustproof, and sandproof; The control panel is more intuitive and simple, making operation convenient; The integrated controller provides multiple functions including control, alarms, data monitoring, and generator set protection.

Easy Maintenance

Daily maintenance of RIPOR ultra silent generator sets is very convenient. Checks of engine oil, battery, and coolant can all be completed on the same side. During repairs or maintenance, the fuel tank and radiator are easy to clean and wash.



Ultra Silent Operation

The use of low-noise engines, low-noise fans, enhanced mufflers, and special structural modifications, all of which are unique noise reduction technologies, enable the generator to operate ultra-quietly.

Stable Performance

The core power is provided by a strong and reliable Ruidong engine, ensuring the long-term stable operation of the generator set.

Convenient for Transportation

Each generator set is equipped with forklift slots on the base for easy transportation; The top of the enclosure has a balanced lifting point for convenient loading and unloading with a crane. The compact structure minimizes transportation costs.

Robust and Durable

The generator sets in this series feature a compact and sturdy structure with a long service life. They are treated with a thicker painting process to withstand wear and tear under extreme environmental conditions.



MODEL			RDE16SS	RDE20SS
Generator Set	Rated Frequency	Hz	50	50
	Rated Power	kW	15	18
	Standby Power	kW	16	20
	Rated Voltage	V	230	230
	Rated Current	A	60	78.2
	Rated Rotation Speed	r/min	1500	1500
Generator	Generator Manufacturer		RIPOR	
	Generator Model		KTS15	XND184F-1
	Excitation Mode		Brushless self-excitation and constant voltage (with AVR)	
	Power Factor	COSΦ	1.0	1.0
Engine	Engine Manufacturer		RIPOR	WEICHAI
	Engine Model		Rd485	WP2.3D25E200
	Structure Type		Inline 4-cylinder, 4-stroke, direct-injected, water cooled	
	Bore X Stroke	mm	85×95	89×92
	Total Displacement	L	2.156	2.289
	Compression Ratio		18:01	17.5:1
	Rated Power	kW	18.4	23
	Lube Oil Brand		Above CD grade or SAE 10W-30、15W-40	
	Lube Oil Capacity	L	7	8
	Fuel Type		DIESEL: 0# (summer) -10# (winter) -35# (chillness)	
Genset	Controller Model		HGM4010N	HGM4010N
	Noise Level (7m)	dB(A)	51	51
	Fuel Tank Capacity	L	35	90
	Overall Dimensions	mm	1600×780×1050	1950×950×1200
	Net Weight	kg	720	960



MODEL			RDE26SS	RDE35SS	RDE20SS3
Generator Set	Rated Frequency	Hz	50	50	50
	Rated Power	kW	24	30	18
	Standby Power	kW	26	33	20
	Rated Voltage	V	230	230	400/230
	Rated Current	A	104.4	130.4	32.6
	Rated Rotation Speed	r/min	1500	1500	1500
Generator	Generator Manufacturer		RIPOR		
	Generator Model		XND184H-1	XND184J-1	XN184E-1
	Excitation Mode		Brushless self-excitation and constant voltage (with AVR)		
	Power Factor	COSΦ	1.0	1.0	0.8(Lag)
Engine	Engine Manufacturer		WEICHAI	WEICHAI	WEICHAI
	Engine Model		WP2.3D33E200	WP2.3D40E200	WP2.3D25E200
	Structure Type		Inline 4-cylinder, 4-stroke, direct-injected, water cooled		
	Bore X Stroke	mm	89×92	89×92	89×92
	Total Displacement	L	2.289	2.289	2.289
	Compression Ratio		17.5:1	17.5:1	17.5:1
	Rated Power	kW	30	36	23
	Lube Oil Brand		Above CD grade or SAE 10W-30、15W-40		
	Lube Oil Capacity	L	8	8	8
	Fuel Type		DIESEL: 0# (summer) -10# (winter) -35# (chillness)		
Genset	Controller Model		HGM4010N	HGM4010N	HGM4010N
	Noise Level (7m)	dB(A)	51	51	51
	Fuel Tank Capacity	L	90	90	90
	Overall Dimensions	mm	1950×950×1200	1950×950×1200	1950×950×1200
	Net Weight	kg	1000	1050	960