

NIL NIROO DIESEL
INDUSTRIES CO



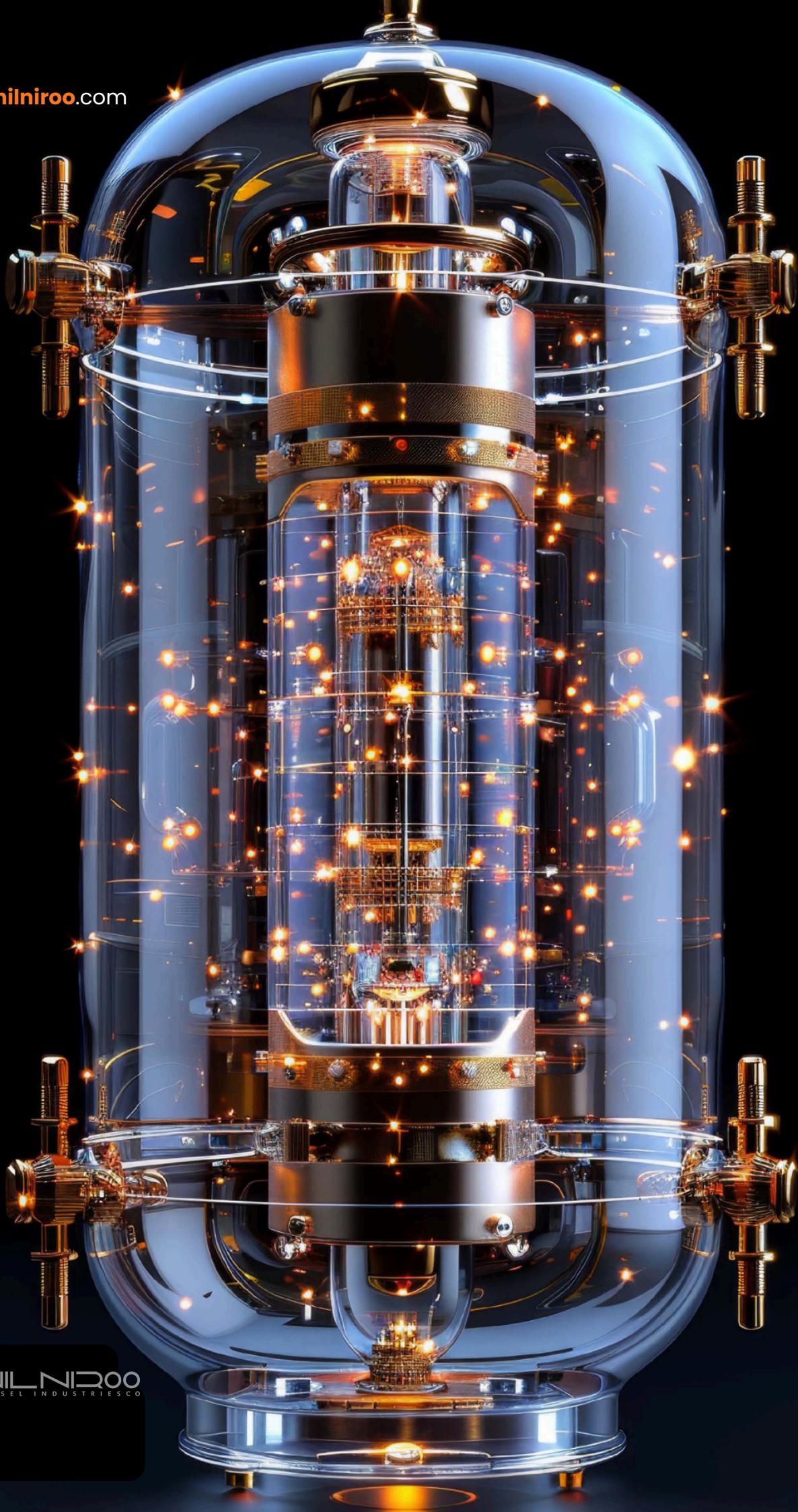
General Catalogue
2025

—
Profile
Products
Services
Activities



02	INTRODUCTION
06	Cummins Products
08	Volvo Penta Products
10	Perkins Products
12	Scania Products

CONTENTS





Introduction to

Nil Niroom Diesel
Industries Co.

NIL NIROO DIESEL INDUSTRIES CO.

with over twenty years of experience in providing consulting, design, sales, and after-sales services for emergency and continuous operation diesel generators, is on the verge of becoming one of the leaders in the power industry in Iran. This company, as a reputable reference in the design and construction of Automatic Transfer Switches (ATS) and Synchronization (SYNCHRON) panels, as well as physical and sound protection systems (CANOPY) for diesel generators, offers its specialized products to various industries and projects across the country, including:

- > Various manufacturing industries and industrial facilities, as well as water and wastewater systems
- > Oil, gas, and petrochemical sectors
- > Commercial, office, and residential buildings
- > Information technology centers and data centers
- > Hospitals and medical centers
- > Transportation

OUR PRODUCTS AND SERVICES

1. Consulting and Design: Our technical and engineering team, leveraging experience gained from various national and international projects, offers consulting services in the selection of diesel generators based on site-specific weather conditions. We adhere to the standards of diesel and generator manufacturers, providing installation, commissioning, operator training, periodic inspections, maintenance, repairs, and spare parts supply services to customers nationwide. Additionally, we specialize in optimizing systems for unique conditions and specific customer needs as part of our consulting services.

2. Emergency and Continuous Operation Diesel Generators: Supplying diesel power generators from globally recognized manufacturers such as Cummins, Perkins, Volvo, Scania, and Stamford. These generators are capable of operating in both emergency and continuous modes, ensuring reliable and sustainable power supply, which is a key focus of



NIL NIROO; POWER THAT STAYS WITH YOU



- CUMMINS PRODUCTS
- VOLVO PENTA PRODUCTS
- SCANIA PRODUCTS
- PERKINS PRODUCTS

3. Automatic and Synchronization Panels: Consulting, design, and production of automatic and synchronization electrical panels for diesel generators, based on project logic and philosophy, international standards, and the use of experienced professionals and advanced machinery and equipment. These panels are designed for efficient control and coordination of power generators and industrial equipment in projects, forming an integral part of our services and products.

4. Physical and Sound Protection Systems: Consulting, design, and production of physical and sound protection systems to ensure the security and protection of diesel generators and to prevent noise pollution caused by generator operation. These systems are developed with the latest global technologies, provided

Why Nil Niroo Diesel Industries Co ?

1. Experience and Expertise: With over two decades of hands-on experience and continuous practical knowledge, the human resources of **Nil Niroo Diesel Industries Company** have earned a reputation as one of the most reliable companies in Iran's power industry.
2. Unmatched Quality: We place great importance on the quality of our products and services, continuously striving to provide the best solutions for our customers.
3. After-Sales Support and Services: Our dedicated after-sales team is ready to provide professional support throughout all stages, including installation, commissioning, training, and maintenance, ensuring our customers receive comprehensive assistance.
4. Customer Trust: Over the years, the management and technical teams of **Nil Niroo Diesel Industries Company** have earned the trust and satisfaction of numerous industries and both large and small projects across the country.

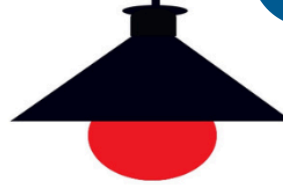


Reliable Energy Supply for Every Moment

Goals Of Nil Ni Roo Diesel Industries Co:

Nil Ni Roo Diesel Industries Company, leveraging its experience and expertise, has set the following goals to enhance the technical levels of the country's power industry and improve project efficiency:

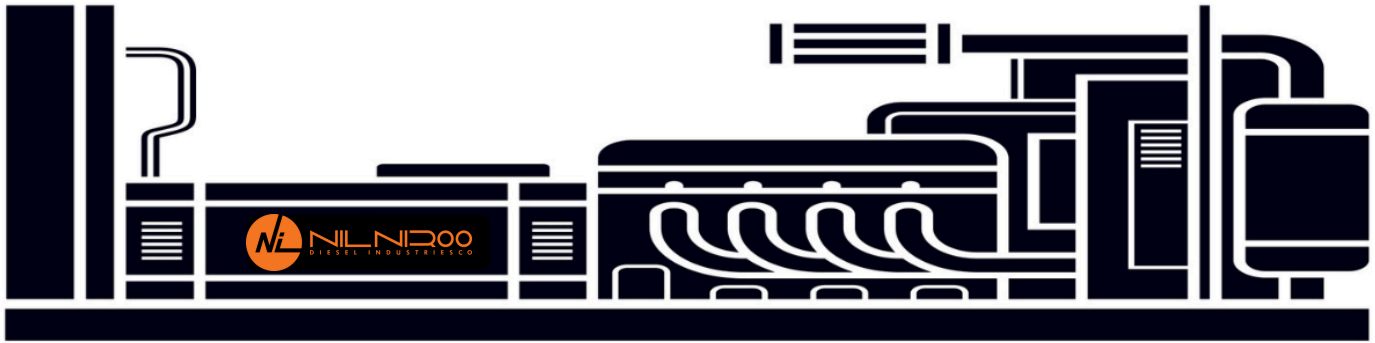
- 1. Development and Innovation in the Power Industry:** The primary goal of **Nil Ni Roo Diesel Industries Company** is to advance technology and implement the latest innovations in the design, production, and installation of diesel generators and electrical panels. This includes providing innovative and customized solutions to ensure reliable and sustainable energy supply across all industries in the country.
 - 2. Providing High-Quality Products and Services:** **Nil Ni Roo Diesel Industries Company** consistently emphasizes the high quality of its products and services. The company strives to supply durable and long-lasting diesel generators and advanced electrical panels based on customer-specific logic and philosophy, ensuring that customer needs are met to the highest international standards.
 - 3. Expansion of Domestic and International Markets:** One of the long-term goals of **Nil Ni Roo Diesel Industries Company** is to expand its operations and reach on an international scale, becoming one of the most reputable and trusted companies in the power industry in Iran and the region. This goal will be achieved by offering original, high-quality products, effective after-sales services, and collaborating with globally recognized companies.
 - 4. Building Long-Term Relationships with Customers and Partners:** **Nil Ni Roo Diesel Industries Company** is committed to establishing and strengthening lasting relationships with its customers and partners. The company continually works to ensure customer satisfaction by offering professional support and after-sales services at the highest level.
 - 5. Progress in Environmental Protection:** As part of its social responsibility, **Nil Ni Roo Diesel Industries Company** aims to produce highly efficient products with minimal negative impact on the environment. The company also utilizes advanced technologies to reduce noise pollution and provide physical protection for diesel generators.
 - 6. Empowering Human Resources:** A key mission of **Nil Ni Roo Diesel Industries Company** is the development of its employees' technical skills and capabilities. Through continuous theoretical and practical training and providing a dynamic and professional work environment, the company seeks to enhance the performance and quality of its team.
- The ultimate goal of **Nil Ni Roo Diesel Industries Company** is to create reliable and sustainable energy solutions for various industries, and the company continuously strives to become one of the leading companies in this field by offering superior products and services. ,,



CUMMINS PRODUCTS

Cummins Inc. is a global leader in the design, manufacturing, and supply of power and energy solutions. Founded in 1919, the company is now one of the most reputable manufacturers of diesel engines, power

MODEL	STANDBY RATINGS		PRIME RATINGS		ENGINE MODEL	STANDARD ALTERNATOR	STANDARD CONTROLLER	CIRCUIT BREAKER (ABB,3P)
	KVA	KWe	KVA	KWe				
RCS-28	27.5	22	25	20	X2.5-G2	S0L2-M1	DSE7320-MKII	40 A
RCS-33	33	26	30	24	X3.3-G1	S0L2-P1	DSE7320-MKII	50 A
RCS-38	38	30	35	28	X3.3-G1	S1L-2J1	DSE7320-MKII	55A
RCS-44	44	35	40	32	4BTAA3.3-G14	UCI224C	DSE7320-MKII	65 A
RCS-55	55	44	50	40	4BTAA3.3-G14	UCI224D	DSE7320-MKII	80 A
RCS-66	66	53	60	48	4BTAA3.3-G14	UCI224F	DSE7320-MKII	100A
RCS-90	90	72	82	65	6BTA5.9-G5	UCI224G	DSE7320-MKII	130 A
RCS-110	110	88	100	80	6BTA5.9-G5	UCI274C	DSE7320-MKII	160A
RCS-150	150	120	136	109	6BTAA5.9-G6	UCI274E	DSE7320-MKII	250A
RCS-170	170	136	155	124	6BTAA5.9-G7	UCI274F	DSE7320-MKII	250A
RCS-175	175	140	160	128	QSB7-G5	UCI274F	DSE7320-MKII	250A
RCS-200	200	160	182	146	QSB7-G5	UCI274H	DSE7320-MKII	400A
RCS-220	220	176	200	160	QSB7-G5	UCI274H	DSE7320-MKII	400A
RCS-220	220	176	200	160	6CTAA8.3-G7	UCI274H	DSE7320-MKII	400A
RCS-275	275	220	250	200	6LTAA9.5-G3	UCDI274K	DSE7320-MKII	400A
RCS-300	300	240	275	220	6LTAA9.5-G3	S4L1D-D41	DSE7320-MKII	630A
RCS-330	330	264	300	240	6LTAA9.5-G1	S4L1D-D41	DSE7320-MKII	630A
RCS-350	350	280	320	256	6LTAA9.5-G1	S4L1D-E41	DSE7320-MKII	630A
RCS-400	400	320	360	288	QSG12-G1	S4L1D-F41	DSE7320-MKII	630A
RCS-400	400	320	360	288	QSZ13-G7	S4L1D-F41	DSE7320-MKII	630A
RCS-450	450	360	409	327	QSG12-G2	S4L1D-F41	DSE7320-MKII	630A
RCS-450	450	360	409	327	QSX13-G7	S4L1D-F41	DSE7320-MKII	630A
RCS-500	500	400	455	364	QSZ13-G5	S4L1D-G41	DSE7320-MKII	800 A
RCS-550	550	440	500	400	QSX15-G8	S5L1D-D41	DSE7320-MKII	800 A



generators, and power supply systems worldwide. Cummins products are used across various industries and projects to provide sustainable energy solutions.

The power generators produced by Cummins include both diesel and gas generators, designed and manufactured to supply energy in a wide range of conditions. These generators are known for their high performance, reliability, and efficiency. Cummins designs its power generators to be optimized for use in harsh environmental conditions and both industrial and non-industrial settings.

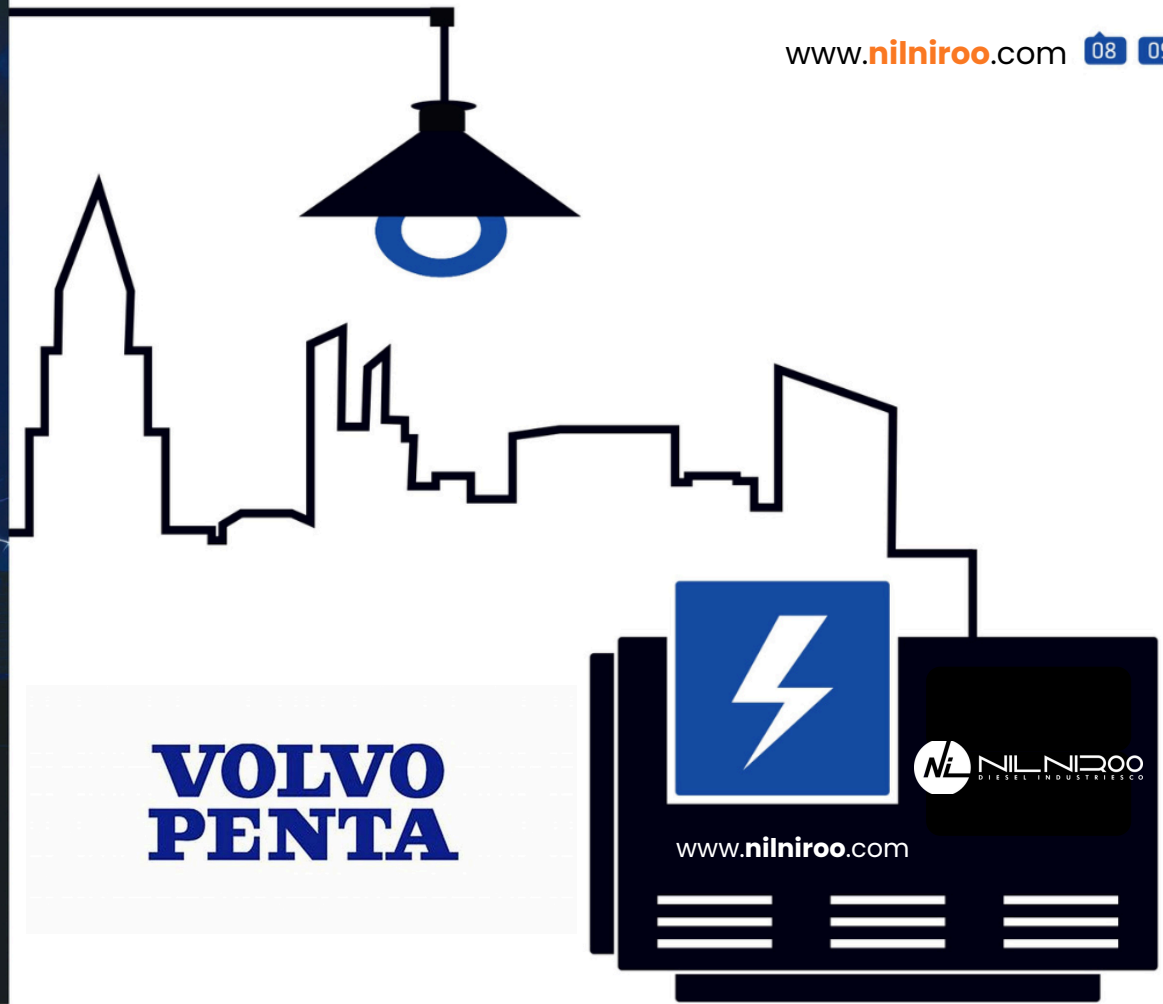
The company manufactures a wide variety of power generators with capacities ranging from 11 KVA to 3750 KVA, meeting the energy needs of various consumers across different industries.

MODEL	STANDBY RATINGS		PRIME RATINGS		ENGINE MODEL	STANDARD ALTERNATOR	STANDARD CONTROLLER	CIRCUIT BREAKER (ABB,3P)
	KVA	KWe	KVA	KWe				
RCS-560	561	449	501	401	M15-G8	S5L1D-D41	DSE7320-MKII	800A
RCS-568	550	454	520	414	QSZ13-G10	S5L1D-F41	DSE7320-MKII	1000A
RCS-700	706	565	640	512	VTA28-G5	S5L1D-F41	DSE7320-MKII	1000 A
RCS-825	825	660	750	600	VTA28-G6	S5L1D-H41	DSE7320-MKII	1250 A
RCS-900	900	720	820	656	QSK23-G3	S6L1D-D41	DSE7320-MKII	1250 A
RCS-1000	1000	800	900	720	KTA38-G3	S6L1D-E41	DSE7320-MKII	1600 A
RCS-1000	1000	800	900	720	QST30-G3	S6L1D-E41	DSE7320-MKII	1600 A
RCS-1100	1110	888	1015	812	KTA38-G14	S6L1D-E41	DSE7320-MKII	1600 A
RCS-1100	1109	887	1014	811	KTA38-G5	S6L1D-E41	DSE7320-MKII	1600 A
RCS-1100	1103	883	1018	806	QST30-G4	S6L1D-E41	DSE7320-MKII	1600 A
RCS-1250	1250	1000	1125	900	KTA38-G9	S6L1D-G41	DSE7320-MKII	2000 A
RCS-1400	1400	1120	1250	1000	KTA50-G3	S6L1D-H41	DSE7320-MKII	2000 A
RCS-1675	1675	1340	1400	1120	KTA50-G8	S7L1D-D41	DSE7320-MKII	2500 A
RCS-1675	1675	1340	1500	1200	KTA50-GS8	S7L1D-D41	DSE7320-MKII	2500 A
RCS-1875	1875	1500	1702	1302	QSK60-G10	S7L1D-D41	DSE7320-MKII	2500 A
RCS-2000	2000	1600	1825	1460	QSK60-G3	S7L1D-F41	DSE7320-MKII	3200 A
RCS-2000	2002	1602	1825	1460	QSK60-G12	S7L1D-F41	DSE7320-MKII	3200 A
RCS-2250	2250	1800	2047	1638	QSK60-G4	S7L1D-G41	DSE7320-MKII	3200 A
RCS-2250	2254	1803	2002	1602	QSK60-G11	S7L1D-G41	DSE7320-MKII	3200 A
RCS-2500	2500	2000	2250	1800	QSK60-G8	S7L1D-Jz41	DSE7320-MKII	4000 A
RCS-2500	2505	2004	2004	1603	QSK60-G13	S7L1D-Jz41	DSE7320-MKII	4000 A
RCS-2750	2750	2200	2500	2000	QSK60-G23	S7L1D-J41	DSE7320-MKII	4000 A
RCS-3000	3000	2400	2750	2200	QSK78-G9	MVSI804S	DSE7320-MKII	4500 A
RCS-3500	3500	2800	3125	2500	QSK95-G4	LVSI804W	DSE7320-MKII	5000 A
RCS-3750	3750	3000	3350	2680	QSK95-G10	LVSI804X	DSE7320-MKII	5000 A



Volvo Penta is a prominent company in the production of diesel engines, operating as part of the Volvo Group. Founded in 1907, the company quickly became recognized for its production of marine and industrial engines. Volvo Penta products are used in a wide range of industries, including marine transportation, agriculture, construction, and power generation.

MODEL	STANDBY RATINGS		PRIME RATINGS		ENGINE MODEL	STANDARD ALTERNATOR	STANDARD CONTROLLER	CIRCUIT BREAKER (ABB,3P)
	KVA	KWe	KVA	KWe				
RVS-90	90	72	82	65	TAD530GE	UCI224G	DSE-7320MKII	130 A
RVS-110	110	88	100	80	TAD531GE	UCI274C	DSE7320-MKII	160 A
RVS-150	150	120	136	109	TAD532GE	UCI274E	DSE7320-MKII	250 A
RVS-170	170	136	155	124	TAD731GE	UCI274F	DSE7320-MKII	250 A
RVS-200	200	160	182	146	TAD732GE	UCI274G	DSE7320-MKII	400 A
RVS-220	220	176	200	160	TAD732GE	UCI274H	DSE7320-MKII	400 A
RVS-223	223	178	203	163	TAD840GE	UCI274H	DSE7320-MKII	400 A
RVS-224	224	179	201	161	TAD733GE	UCDI274J	DSE7320-MKII	400 A
RVS-275	275	220	250	200	TAD734GE	UCDI274K	DSE7320-MKII	400 A
RVS-278	278	223	253	202	TAD841GE	UCDI274K	DSE7320-MKII	400 A
RVS-334	334	267	303	243	TAD842GE	S4L1D-D41	DSE7320-MKII	630 A
RVS-346	346	277	315	252	TAD1341GE	S4L1D-E41	DSE7320-MKII	630 A



The power generators produced by Volvo Penta are diesel-powered and designed to supply electricity in various conditions. These generators are known for their high quality, efficiency, and reliability in global markets. Volvo Penta's generators are designed to meet the diverse energy needs of consumers across different industries, particularly excelling in industrial, marine, and commercial applications.

The company manufactures a wide range of power generators with capacities ranging from 90 kVA to 825 kVA, catering to the power requirements of various industries.

MODEL	STANDBY RATINGS		PRIME RATINGS		ENGINE MODEL	STANDARD ALTERNATOR	STANDARD CONTROLLER	CIRCUIT BREAKER (ABB,3P)
	KVA	KWe	KVA	KWe				
RVS-359	359	286	326	260	TAD843GE	S4L1D-E41	DSE7320-MKII	630 A
RVS-387	387	310	352	282	TAD1342GE	S4L1D-E41	DSE7320-MKII	630 A
RVS-414	414	331	378	302	TAD1343GE	S4L1D-F41	DSE7320-MKII	630 A
RVS-450	450	362	412	329	TAD1344GE	S4L1D-F41	DSE7320-MKII	800 A
RVS-500	500	400	450	360	TAD1345GE	S4L1D-G41	DSE7320-MKII	630A
RVS-550	550	440	500	400	TAD1641GE	S5L1D-D41	DSE7320-MKII	800 A
RVS-552	552	442	502	402	TAD1346GE	S5L1D-D41	DSE7320-MKII	800 A
RVS-600	600	480	540	432	TAD1642GE	S5L1D-D41	DSE7320-MKII	1000 A
RVS-650	650	520	590	475	TAD1642GE	S5L1D-E41	DSE7320-MKII	1000 A
RVS-717	717	573	652	521	TWD1644GE	S5L1D-F41	DSE7320-MKII	1000 A
RVS-770	770	616	700	560	TWD1645GE	S5L1D-G41	DSE7320-MKII	1000 A
RVS-833	833	666	758	605	TWD1744GE	S5L1D-H41	DSE7320-MKII	1250 A



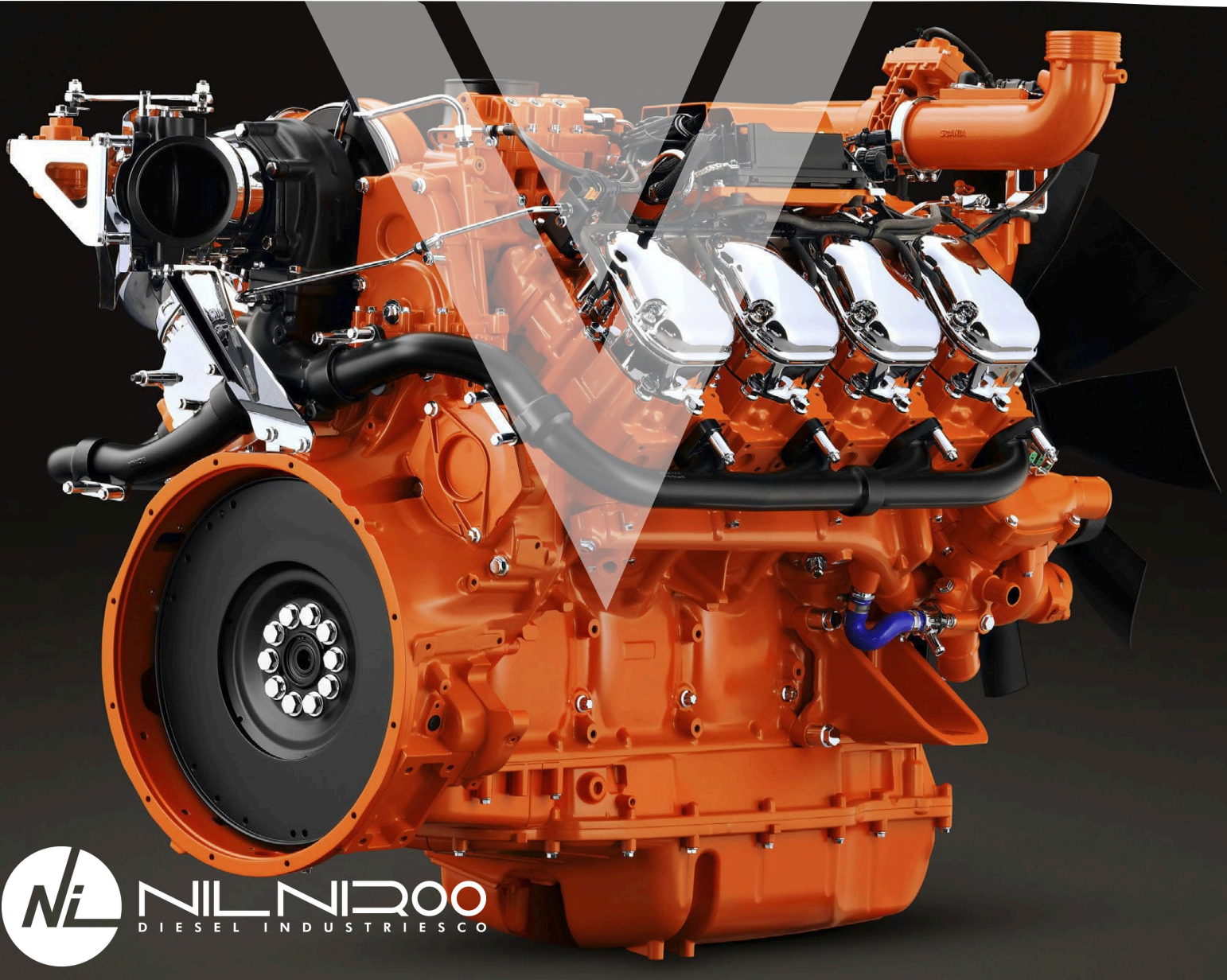
Perkins Engines Company Limited is one of the leading manufacturers of diesel engines globally, established in 1932. Currently a subsidiary of Caterpillar Inc., Perkins is recognized as a pioneer in the diesel engine industry. Perkins specializes in producing high-performance engines for industrial, agricultural, transportation, and power generation applications.

The power generators produced by Perkins mainly include diesel and gas-powered generators, known for their high quality, reliability, and fuel efficiency. These generators are widely used in industries such as agriculture, construction, manufacturing, military, transportation, and emergency power supply. Perkins products are specifically optimized for harsh conditions and industrial environments, ensuring a stable and uninterrupted power supply under any circumstances. The company manufactures a variety of power generators with capacities ranging from 10 KVA to 2500 KVA, catering to the diverse power needs of various industries.

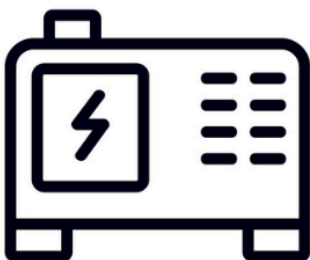
MODEL	STANDBY RATINGS		PRIME RATINGS		ENGINE MODEL	STANDARD ALTERNATOR	STANDARD CONTROLLER	CIRCUIT BREAKER (ABB, 3P)
	KVA	KWe	KVA	KWe				
RPS-17	17	14	15	12	403A15-G2(M)	S0L-1P	DSE-7320MKII	25 A
RPS-22	22	18	20	16	404A22-G1(M)	S0L-2G	DSE7320-MKII	35 A
RPS-33	33	26	30	24	1103A33-G(M)	S0L-2P	DSE-7320MKII	40 A
RPS-44	44	35	40	32	1103A33-TG1(M)	S1L-2K	DSE7320-MKII	65 A
RPS-50	50	40	45	36	1103A33-TG1(M)	S1L-2N	DSE7320-MKII	80 A
RPS-66	66	53	60	48	1103A33-TG2(M)	S1L-2Y	DSE7320-MKII	100 A
RPS-88	88	70	80	65	1104A44-TG2(M)	UCI224G	DSE7320-MKII	130 A
RPS-110	110	88	100	80	1104C44-TAG2	UCI274C	DSE7320-MKII	160 A
RPS-150	150	120	135	108	1106A70-TG1(M)	UCI274E	DSE7320-MKII	250 A
RPS-165	165	132	150	120	1106A70-TAG2(M)	UCI274F	DSE7320-MKII	250 A
RPS-200	200	160	180	146	1106A70-TAG3(M)	UCI274G	DSE-7320MKII	400 A
RPS-220	220	176	200	160	1106A70-TAG4	UCI274H	DSE7320-MKII	400 A
RPS-250	250	200	225	182	1206A-E70TTAG2	UCDI274J	DSE7320-MKII	400 A
RPS-275	275	220	250	200	1206A-E70TTAG3	UCDI274K	DSE7320-MKII	400 A
RPS-330	350	264	300	240	1506A-E88TAG5	S4L1D-E41	DSE7320-MKII	630 A
RPS-385	385	308	350	280	2206A-E13TAG2	S4L1D-E41	DSE7320-MKII	630 A
RPS-440	440	352	400	320	2206A-E13TAG3	S4L1D-F41	DSE7320-MKII	630 A
RPS-500	500	400	450	360	2506A-E15TAG1	S4L1D-G41	DSE7320-MKII	800 A
RPS-550	550	440	500	400	2206A-E15TAG2	S5L1D-D41	DSE7320-MKII	800 A



MODEL	STANDBY RATINGS		PRIME RATINGS		ENGINE MODEL	STANDARD ALTERNATOR	STANDARD CONTROLLER	CIRCUIT BREAKER (ABB,3P)
	KVA	KWe	KVA	KWe				
RPS-605	605	512	550	440	2806A-E18TAG1A	S5L1D-D41	DSE7320-MKII	1000 A
RPS-660	660	528	600	520	2806A-E18TAG1A	S5L1D-E41	DSE7320-MKII	1000 A
RPS-715	715	572	650	600	2806A-E18TAG2	S5L1D-F41	DSE7320-MKII	1000 A
RPS-770	770	616	700	560	2806A-E18TTAG4	S5L1D-G41	DSE7320-MKII	1250 A
RPS-825	825	660	750	600	23-4006TAG2A	S6L1D-H41	DSE7320-MKII	1250 A
RPS-825	825	660	750	600	2806A-E18TTAG5	S6L1D-H41	DSE7320-MKII	1250 A
RPS-900	900	720	800	732	23-4006TAG3A	S6L1D-D41	DSE7320-MKII	1250 A
RPS-1000	1000	800	915	900	4008-TAG1A	S6L1D-D41	DSE-7320MKII	1600 A
RPS-1125	1125	900	200	1022	4008-TAG2A	S6L1D-E41	DSE7320-MKII	1600 A
RPS-1250	1250	1000	1125	900	4008-30TAG3	S6L1D-G41	DSE7320-MKII	2000 A
RPS-1500	1500	1200	1360	1088	4012-46TWG3A	S6L1D-H41	DSE7320-MKII	2200 A
RPS-1650	1650	1320	1500	1200	4012-46TAG2A	S7L1D-C41	DSE7320-MKII	2500 A
RPS-1875	1875	1500	1705	1364	4012-46TAG3A	S7L1D-F41	DSE7320-MKII	3200 A
RPS-2000	2000	1600	1850	1480	4016-TAG1A	S7L1D-F41	DSE7320-MKII	3200 A
RPS-2000	2000	1600	1850	1480	4016-61TRG1	S7L1D-F41	DSE7320-MKII	3200 A
RPS-2200	2200	1760	2000	1600	4016-TAG2A	S7L1D-G41	DSE7320-MKII	3200 A
RPS-2200	2200	1760	2000	1600	4016-61TRG2	S7L1D-G41	DSE7320-MKII	3200 A
RPS-2500	2500	2000	2250	1800	4016-61TRG3	S7L1D-J41	DSE7320-MKII	4000 A
RPS-2500	2500	2000	2250	1800	4016-61TRG3X	S7L1D-J41	DSE7320-MKII	4000 A



SCANIA PRODUCTS



Scania AB is a prominent Swedish brand engaged in the design, production, and supply of transportation and power solutions. Founded in 1891, Scania is especially well-known for its production of trucks, buses, and diesel engines. As a trusted brand in the global transportation industry, Scania also operates in the field of diesel power generators and energy supply systems.

The power generators produced by Scania primarily include diesel generators, designed to provide electricity under various conditions. These generators are widely used in heavy industries, large construction projects, marine applications, emergency power supply, and other industrial uses. Scania products are recognized globally for their stable performance, high build quality, and fuel efficiency.

The company manufactures a range of power generators with capacities from 275 KVA to 770 KVA, capable of meeting the diverse energy needs of various industries.



MODEL	STANDBY RATINGS		PRIME RATINGS		ENGINE MODEL	STANDARD ALTERNATOR	STANDARD CONTROLLER	CIRCUIT BREAKER (ABB, 3P)
	KVA	KWe	KVA	KWe				
RSS-275	275	220	250	200	DC09 072A 0211	UCDI274K	DSE-7320MKII	400 A
RSS-330	330	264	300	240	DC13 072A 0211	S4L1D-D41	DSE7320-MKII	630 A
RSS-385	385	308	350	280	DC13 072A 0211	S4L1D-E41	DSE-7320MKII	630 A
RSS-410	410	330	370	300	DC13 072A 0211	S4L1D-F41	DSE7320-MKII	630 A
RSS-440	440	352	400	320	DC13 072A 0212	S4L1D-F41	DSE7320-MKII	800 A
RSS-500	500	400	450	360	DC13 072A 0213	S4L1D-G41	DSE7320-MKII	800 A
RSS-550	550	440	500	400	DC13 072A 0214	S5L1D-D41	DSE7320-MKII	800 A
RSS-600	600	480	540	432	DC16 093A 0252	S5L1D-D41	DSE7320-MKII	1000 A
RSS-660	660	530	600	480	DC16 093A 0254	S5L1D-E41	DSE7320-MKII	1000 A
RSS-700	700	560	630	504	DC16 093A 0254	S5L1D-F41	DSE7320-MKII	1000 A
RSS-715	715	572	645	516	DC16 078A 0242	S5L1D-F41	DSE-7320MKII	1000 A
RSS-770	770	616	700	560	DC16 078A 0243	S5L1D-G41	DSE7320-MKII	1250 A

FROM DESIGN
TO IMPLEMENTATION
ALWAYS BY
YOUR SIDE



FROM DESIGN
TO IMPLEMENTATION
ALWAYS BY
YOUR SIDE

Address: Unit 718, 7th Floor, Panorama Tower, North Kaveh Blvd,
Kolahdooz St, Tehran, Iran.

Postal Code: 1939813962

TeleFax: +9821 220 10 815 - 17

Web: www.nilniroo.com

Email: sales@nilniroo.com