

DIESEL GENERATING SETS



ENERGY STORAGE SYSTEMS



SOLAR ROOFTOP



**AMONGST
INDIA'S TOP
10 ENERGY
COMPANIES**



JAKSON GROUP - AN OVERVIEW

With more than seven decades of presence, Jakson Group is a leading diversified Energy Solutions company that offers end-to-end solutions right from concept to commissioning through diverse strategic business units ranging from Distributed Energy, Solar, EPC to IPP. Over the years, the company has gained longstanding expertise in the Energy Industry - having diversified from a Diesel Generator Manufacturing Organisation into an integrated Energy Solutions Company with an extensive presence throughout India, including 3 manufacturing facilities equipped with state of the art machinery, 5 Independent Solar Power Plants, 40 Sales Offices and a vast network of channel partners and dealers. Jakson is headquartered in Noida, Uttar Pradesh, and has a workforce of over 2200 talented people and annual revenue exceeding 2500 INR Crores. The company also has business interests in Singapore, Dubai, Bangladesh, Nepal, and the African Sub-Continent.



WORLD-CLASS MANUFACTURING



DG Set Manufacturing Unit
Kalsar, Gujarat



DG Set Manufacturing Unit
Kathua, J&K



Solar Manufacturing Unit
Greater Noida, UP



DISTRIBUTED ENERGY

Distributed energy or behind-the-meter on-site generation of electrical power is increasingly becoming popular nowadays. Due to increased focus on reduction of emissions and in turn carbon footprint, commercial, industrial and residential consumers are looking at investing in renewable energy. This will not only lead to environmental protection but also reduce their energy bills. Solar roof top solutions and Battery Energy Storage Solutions are the rapidly developing technologies which are catching the fancy of these consumers. In coming times, we are going to see increased demand for hybrid power solutions which includes smart combination of grid power, Diesel generating sets, Solar power and Battery storage solutions.

A) Silent Diesel Gensets

Our broad base of over 40,000 customers and unmatched product portfolio of diesel generators range from 7.5 KVA to 3750 KVA. We produce over 10,000 gensets annually through 2 of our world-class manufacturing plants with best-in-class machinery and a global manufacturing approach that ensures its customers' highest quality. We specialize in providing turn-key solutions, including end-to-end captive power solutions for greenfield projects, designing powerhouse, supply, installation, testing, and commissioning of DG sets and associated works by providing a single-window service to our valued customers.



B) Solar Rooftop

Jakson is one of India's leading providers of turnkey solar rooftop services, having installed more than 90 MW projects worldwide. We are catering to the needs of a variety of industrial, commercial, and residential users. Our services encompass standardized and tailor-made rooftop solutions ranging from a few kilowatts to large utility-scale rooftop installations.

C) Energy Storage Systems

Supporting the "Aatmanirbhar Bharat" mission of the Prime Minister and our commitment towards mitigating climate change, we have taken the lead in developing a Battery Energy Storage Systems (BESS) contemporarily designed to suit all segments enabling uninterrupted power supply. Equipped with a hybrid inverter, lithium ion batteries and smart energy systems, it combines the use of grid power, Solar and DG (Optional), and is scalable to any type of battery as well as to a new energy platform. It is a cost effective, carbon free & a user friendly energy solution.



RATING CHART

SILENT DIESEL GENERATING SETS

Model Name	Engine Model	Rating			Dimensions in mm			Approx Weight (in Kg.)	Fuel Tank (in Ltr.)
		(kVA)	(kWe)	(BHP)	L	W	H		
JSPF 7.5X	X1.3TAA-G1	7.5	6	23	1460	940	915	550	56
JSPF 10X	X1.3TAA-G1	10	8	23	1460	940	915	550	56
JSPF 15X	X1.3TAA-G1	15	12	23	1600	940	1100	610	59
JSPF 20X	X1.3TAA-G7	20	16	25.3	1780	940	1100	723	60
JSPF 25X	X2.7T-G1	25	20	38.5	2400	950	1400	1090	70
JSPF 30X	X2.7TAA-G2	30	24	38.5	2400	950	1400	1090	70
JSPF 35X	X2.7TAA-G7	35	28	47.5	2400	950	1400	1090	70
JSPF 40X	X2.7TAA-G8	40	32	51	2400	950	1400	1090	70
JSPF 50B	4BTAA3.3-G11	50	40	84	2950	1150	1550	1500	140
JSPF 62.5B	4BTAA3.3-G11	62.5	50	84	2950	1150	1550	1500	140
JSPF 82.5B	4BTAA3.9-G4	82.5	66	110	3850	1150	1700	1900	175
JSPF 100B	6BTAA5.9-G13	100	80	159	4000	1150	1850	2200	300
JSPF 125B	6BTAA5.9-G13	125	100	159	4000	1150	1850	2200	300
JSPF 140Q	QSB5.9-G1	140	112	184	4000	1150	1850	2320	300
JSPF 160Q	QSB5.9-G2	160	128	206	4000	1150	1850	2320	300
JSPF 180Q	QSB6.7-G14	180	144	234	4200	1350	1850	2856	370
JSPF 200Q	QSB6.7-G15	200	160	256	4200	1350	1850	2856	370
JSPF 225Q	QSB6.7-G16	225	180	280	4200	1350	1850	2856	370
JSP 250Q	6L8.9TAA-G4	250	200	335	4800	1500	2025	4385	415
JSP 250QSB	QSB6.7-G17	250	200	307	4300	1500	1975	3624	450
JSP 300Q	QSL9-G15	300	240	399	4800	1500	2025	4385	435
JSP 320Q	QSL9-G15	320	256	399	4800	1500	2025	4385	435
JSP 365Q	QSN14-G1	365	292	448	5500	1900	2150	6165	460
JSP 380Q	QSN14-G2	380	304	487	5500	1900	2150	6165	460
JSP 400Q	QSN14-G2	400	320	487	5500	1900	2150	6250	460
JSP 500K	KTAA19-G10	500	400	587	6000	2000	2250	8000	680
JSP 600K	KTAA19-G12	600	480	713	6500	2000	2800	9029	900
JSP 625K	KTAA19-G13	625	500	739	6500	2000	2800	9029	900
JSP 650Q	QSK19-G7	650	520	828	6500	2000	2800	9029	830
JSP 750K	KTA38-G12	750	600	1069	8000	2600	3000	13000	990
JSP 810K	KTA38-G12	810	648	1069	8000	2600	3000	13000	990
JSP910KJ	KTA38-G17	910	728	1069	8000	2600	3000	13000	990
JSP 1010K	KTA38-G5	1010	808	1180	8000	2600	3000	13873	990
JSP 1250K	KTA50-G3	1250	1000	1470	8600	2800	3282	16457	990
JSP 1500K	KTA50-G8-I	1500	1200	1735	9000	2900	3415	17328	990

Note:

- Above details provided considering radiator cooled DG Sets.
- Single phase DG sets upto 100 KVA are also available on request.
- All above dimensions are for Silent DG Sets.
- Fuel Tanks, upto 650 KVA Sets are inbuilt, whereas 750 KVA & above sets have external Fuel tanks.
- HE cooling options are also available for 500 KVA & above ratings.

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