

# DIESEL GENERATORS

**Powersan**  
Systems Of Power



# COMPANY BRIEF

Powersan Makina Sanayi Tic.Ltd.Sti was founded 2007. Our company is a modernizedscale integrated company contributing to R&D, manufacturing and selling electrical gensets. We have an over 7000 square meters manufacturing workshop to complete the production and packaging of electrical gensets. Our products have 8 series and over 100 products specifications. All of our products match the requirements of international quality standarts and our multiseriess products have been proved by CE with the quality management of ISO9001.

Watercooled diesel electrical genset is te main product of our company, using famous international engine brands including Cummins, Volvo, Perkins and adapting the technology of noise reduction. We produce over 2000 gensets across buildings, hospitals, hotels, telecommunication stations, databases, municipal engineering, mining industries, with power in a range of 5 Kw to 1200 Kw. We also produce series of STC and SLG gensets with mature techniques. They are wideli used in areas of agriculture, individual households, breeding cultivation etc. We are selling our products in distant markets in Europe, Southeast Asia, Africa and Middle East.

Recently, our company is handled by introducing talents, purchasing digital and product testing equipment, establishing R&D technology center for production of new products with special R&D fund. Our R&D center tests the new product in multiple steps and then put them into manufacturing channel. Our company consists of development of scientific and technological innovations while ;maintaining the diversified company culture.



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## CUMMINS Series Diesel Generator Sets

Power coverage from 30kva-1650kva

Engine : CUMMINS BRAND

Speed : 1500/1800rpm

Alternator : Stamford / Leroysoner / Marathon/Mecc Alt / Powersan

IP &Insulation Class : IP22-23 & F/H

Frequancy : 50/60Hz

Controller : Deepsea / Smartgen / Datakom / ComAp / Powersan

Silent Gen-Set Sound Level : 73-85db (at 7m distance)

Super Silent Gen-Set Sound Level : 63-75db (at 7m distance)

### Technical Data

### CUMMINS Diesel Generator Set (50HZ)

Generator Set Performance				Generator Set Performance				Dimension	
Model	OUTPUT POWER		Fre. HZ	ENGINE	Power	Fuel Consumption	Cylinder	Open type / weight	soundproof type / weight
	PRIME OUTPUT (KW/KVA)	STANDBY POWER (KW/KVA)		MODEL	KW	L/H		No.	mm / kg
PSC30	22/27.5	24/30	50	4B3.9-G1	24	6.3	4	1800x850x1260/620	2250x950x1300/890
PSC30	22/27.5	24/30	50	4B3.9-G2	24	6.3	4	1800x850x1260/630	2250x950x1300/900
PSC44	32/40	35/44	50	4BT3.9-G1	36	8.7	4	1800x850x1260/650	2250x950x1300/950
PSC44	32/40	35/44	50	4BT3.9-G2	36	8.7	4	1800x850x1260/660	2250x950x1300/960
PSC62	45/56	50/62	50	4BTA3.9-G2	58	13.8	4	1850x850x1260/800	2250x950x1300/1100
PSC70	52/65	56/70	50	4BTA3.9-G2	58	13.8	4	1850x850x1260/840	2300x950x1300/1120
PSC90	64/80	72/90	50	4BTA3.9-G11	70	13.8	4	1950x850x1260/1000	2350x950x1350/1150
PSC100	75/94	82/103	50	6BT5.9-G1	86	16	6	2250x860x1300/1080	2800x1050x1380/1430
PSC100	75/94	82/103	50	6BT5.9-G2	96	16	6	2250x860x1300/1100	2800x1050x1380/1440
PSC115	84/105	92/115	50	6BT5.9-G2	96	17.9	6	2250x860x1300/1110	2800x1050x1380/1420
PSC125	90/110	100/125	50	6BTA5.9-G2	106	19.4	6	2300x860x1350/1200	2800x1050x1480/1550
PSC138	100/125	110/137.5	50	6BTAA5.9-G2	120	21.6	6	2400x860x1500/1300	2800x1050x1580/1620
PSC165	120/150	132/165	50	6BTAA5.9-G12	140	25.9	6	2400x860x1500/1320	2800x1050x1580/1650
PSC200	145/180	160/200	50	6CTA8.3-G1	163	31.3	6	2600x980x1550/1480	3000x1050x1680/1980
PSC200	145/180	160/200	50	6CTA8.3-G2	163	31.3	6	2600x980x1550/1650	3000x1050x1680/2000
PSC215	160/200	172/215	50	6CTAA8.3-G2	183	34.5	6	2600x980x1550/1780	3000x1050x1680/2250
PSC275	200/250	220/275	50	6LTAA8.9-G2	220	43.2	6	2650x100x1600/1800	3200x1300x1700/2280
PSC290	210/260	230/290	50	6LTAA8.9-G3	230	45.6	6	2650x100x1600/1810	3200x1300x1700/2300
PSC425	310/388	340/425	50	6ZTAA13-G3	340	66.9	6	3000x1150x1780/3800	3800x1550x2100/5260
PSC475	350/438	380/475	50	6ZTAA13-G2	390	75.6	6	3350x1150x1780/4200	4200x1550x2100/5670
PSC475	350/438	380/475	50	6ZTAA13-G4	400	75.6	6	3350x1150x1780/4230	4200x1550x2100/5700
PSC468	350/438	375/468	50	QZS13-G2	400	75.6	6	3350x1150x1780/4230	4200x1550x2100/5700
PSC500	380/475	400/500	50	QSZ13-G3	450	82	6	3400x1150x1780/4250	4200x1550x2100/5720
PSC500	360/450	400/500	50	QSZ13-G5	411	77.7	6	3400x1150x1780/4270	4200x1550x2100/5750
PSC275	200/250	220/275	50	MTA11-G2A	234	36	6	2950x1160x1900/2430	3700x1450x2000/3100
PSC275	200/250	220/275	50	MTA11-G2	224	36	6	2950x1160x1900/2430	3700x1450x2000/3100
PSC275	200/250	220/275	50	NT855-GA	231	36	6	2950x1160x1900/2430	3700x1450x2000/3100
PSC275	200/250	220/275	50	NTA855-G1	240	36	6	2950x1160x1900/2430	3700x1450x2000/3100
PSC350	250/313	280/350	50	MTAA11-G3	282	57	6	3100x1160x1780/3065	3800x1450x2000/3800
PSC312	220/275	250/312.5	50	NTA855-G1A	264	40	6	3100x1160x1780/3065	3800x1450x2000/3800
PSC350	250/313	280/350	50	NTA855-G1B	284	67.4	6	3100x1160x1780/3065	3800x1450x2000/3800
PSC388	280/350	310/387.5	50	NTA855-G2A	312	66.7	6	3100x1160x1780/3065	3800x1450x2000/3800
PSC413	300/375	330/412.5	50	NTAA855-G7	343	78	6	3100x1160x1780/3065	3800x1450x2000/3800
PSC400	320/400	350/440	50	NTAA855-G7A	360	90.9	6	3100x1160x1780/3065	4000x1450x2000/3900
PSC500	360/450	400/500	50	KTA19-G3	403	92.4	6	3400x1400x2150/3700	4250x1800x2300/4800
PSC550	400/500	440/550	50	KTA19-G3A	448	101.9	6	3400x1400x2150/4100	4250x1800x2200/5250
PSC550	400/500	440/550	50	KTA19-G4	448	101.9	6	3400x1400x2150/4100	4250x1800x2200/5250
PSC631	420/525	505/631	50	KTAA19-G5	470	106.9	6	3500x1550x2300/4500	4500x1800x2400/5540
PSC650	470/587	520/650	50	KTA19-G8	520	119.3	6	3500x1550x2300/4580	4500x1800x2400/5650
PSC687	500/625	550/687	50	KTAA19-G6A	558	140.2	6	3500x1550x2300/4580	4500x1800x2200/5650
PSC800	580/725	640/800	50	KT38-GA	647	150.9	12	4300X1800X2450/7500	5500X2100X2500/9500
PSC825	600/750	660/825	50	KTA38-G2	664	156.2	12	4300X1800X2450/7500	5500X2100X2500/9500
PSC875	640/800	700/875	50	KTA38-G2B	711	158.8	12	4350x1800x2450/7500	5700x2100x2500/9600
PSC1000	720/910	800/1000	50	KTA38-G2A	813	179.5	12	4350x1800x2450/7500	5700x2100x2500/9600
PSC1100	800/1000	880/1100	50	KTA38-G5	880	200	12	4500x1800x2500/7600	6058x2438x2591/10000
PSC1250	900/1125	1000/1250	50	KTA38-G9	980	220	12	4700x2000x2500/7800	6058x2438x2591/10500
PSC1375	1000/1250	1100/1375	50	KTA50-G3	1097	244.3	16	4500x2000x2580/10120	12192x2438x2896/14120
PSC1650	1100/1375	1320/1650	50	KTA50-G8	1200	268	16	4500x2000x2580/10600	12192x2438x2896/14600
PSC1650	1180/1475	1320/1650	50	KTA50-GS8	1287	287	16	4500x2000x2580/10600	12192x2438x2896/14600

Note: All the parameter is provided for the convenience of our customers as accurately as possible. XHX reserves the right to modify the data at any time



## MOTEURS Baudouin Series Diesel Generator Sets

Power coverage from 20kva-4125kva

Engine : CUMMINS BRAND

Speed : 1500/1800rpm

Alternator : Stamford / Leroysoner / Marathon/Mecc Alt / Powersan

IP &Insulation Class : IP22-23 & F/H

Frequency : 50/60Hz

Controller : Deepsea / Smartgen / Datakom / ComAp / Powersan

Silent Gen-Set Sound Level : 73-85db (at 7m distance)

Super Silent Gen-Set Sound Level : 63-75db (at 7m distance)

### Technical Data

### BAUDOUIIN Diesel Generator Set (50HZ)

Generator Set Performance				Generator Set Performance				Dimension	
Model	OUTPUT POWER		Fre. HZ	ENGINE	Power	Fuel Consumption	Cylinder	Open type / weight	soundproof type / weight
	PRIME OUTPUT (KW/KVA)	STANDBY POWER (KW/KVA)		MODEL	KW	L/H	No.	mm / kg	mm / kg
PSBD20	14,4/18	16/20	50	4M06G20/5	16		4	1950X860X1000/632	2100X860X1100/732
PSBD25	18/23	20/25	50	4M06G25/5	20		4	1950X860X1000/632	2100X860X1100/732
PSBD35	25,2/32	28/35	50	4M06G35/5	28		4	1950X860X1000/643	2100X860X1100/743
PSBD44	31,5/40	35/44	50	4M06G44/5	35		4	1950X860X1000/662	2100X860X1100/762
PSBD50	36/45	40/50	50	4M06G50/5	40		4	1950X860X1000/665	2100X860X1100/765
PSBD55	39,6/50	44/55	50	4M06G55/5	44		4	1950X860X1000/790	2100X860X1100/890
PSBD65	46,8/60	52/65	50	4M10G65/5	52		4	2300X960X1100/979	2450X960X1200/1079
PSBD72	52,2/65	58/72	50	4M10G72/5	58		4	2300X960X1100/1020	2450X960X1200/1120
PSBD88	63/80	70/88	50	4M10G88/5	70		4	2300X960X1100/1060	2450X960X1200/1160
PSBD110	79,2/100	88/110	50	4M10G110/5	88		4	2600X1005X1150/1153	2750X1105X1250/1253
PSBD150	108/135	120/150	50	6M11G150/5	120		6	3112X1000X1610/1857	3312X1100X1760/2007
PSBD165	118,8/150	132/165	50	6M11G165/5	132		6	3112X1000X1610/1893	3312X1100X1760/2043
PSBD220	158,4/200	176/220	50	6M16G220/5	176		6	3762X1020X1888/2543	3962X1120X2038/2693
PSBD250	180/225	200/250	50	6M16G250/5	200		6	3762X1020X1888/2835	3962X1120X2038/2985
PSBD275	198/250	220/275	50	6M16G275/5	220		6	3762X1020X1888/2790	3962X1120X2038/2940
PSBD350	252/320	280/350	50	6M16G350/5	280		6	3762X1020X1888/2883	3962X1120X2038/3033
PSBD400	288/375	320/400	50	6M21G400/5	320		6	4012X1350X2036/3596	4212X1500X2236/3746
PSBD440	316,8/400	352/440	50	6M21G440/5	352		6	4012X1350X2036/3662	4212X1500X2236/3812
PSBD500	360/450	400/500	50	6M21G500/5	400		6	4012X1350X2036/3728	4212X1500X2236/3878
PSBD550	396/500	440/550	50	6M21G550/5	440		6	4012X1350X2036/3728	4212X1500X2236/3878
PSBD660	475,2/600	528/660	50	6M33G660/5	528		6	5182X1630X2200/6036	5482X1830X2500/6286
PSBD715	514,8/650	572/715	50	6M33G715/5	572		6	5182X1630X2200/6116	5482X1830X2500/6366
PSBD750	540/680	600/750	50	6M33G750/5	600		6	5182X1630X2200/6196	5482X1830X2500/6446
PSBD825	594/750	660/825	50	6M33G825/5	660		6	5182X1630X2200/6276	5482X1830X2500/6526
PSBD880	633,6/800	704/880	50	12M26G880/5	704		12	5758X2238X2291/7600	6058X2438X2591/7850
PSBD1000	720/900	800/1000	50	12M26G1000/5	800		12	5758X2238X2291/7723	6058X2438X2591/7973
PSBD1100	792/1000	880/1100	50	12M26G1100/5	880		12	5758X2238X2291/7846	6058X2438X2591/8096
PSBD1250	900/1125	1000/1250	50	12M33G1250/5	1000		12	5758X2238X2291/8486	6058X2438X2591/8736
PSBD1375	990/1250	1100/1375	50	12M33G1375/5	1100		12	5758X2238X2291/9126	6058X2438X2591/9376
PSBD1500	1080/1375	1200/1500	50	12M33G1500/5	1200		12	11692X2238X2091/9760	12192X2438X2591/10060
PSBD1650	1188/1500	1320/1650	50	12M33G1650/5	1320		12	11692X2238X2091/10700	12192X2438X2591/11000
PSBD1800	1296/1625	1440/1800	50	16M33G1800/5	1440		16	11692X2238X2091/11200	12192X2438X2591/11500
PSBD1900	1368/1750	1520/1900	50	16M33G1900/5	1520		16	11692X2238X2091/11800	12192X2438X2591/12100
PSBD2050	1476/1875	1640/2050	50	16M33G2050/5	1640		16	11692X2238X2091/12200	12192X2438X2591/12500
PSBD2250	1620/2000	1800/2250	50	16M33G2250/5	1800		16	11692X2238X2091/12700	12192X2438X2591/13000
PSBD2250	1620/2000	1800/2250	50	20M33G2250/5	1800		20	11692X2238X2091/12700	12192X2438X2591/13000
PSBD2500	1800/2250	2000/2500	50	20M33G2500/5	2000		20	11692X2238X2091/13950	12192X2438X2591/14250
PSBD2500	1800/2250	2000/2500	50	12M55G2500/5	2000		12	11692X2238X2091/13950	12192X2438X2591/14250
PSBD2750	1800/2500	2000/2750	50	12M55G2750/5	2000		12	11692X2238X2091/15000	12192X2438X2591/15300
PSBD3000	2160/2750	2400/3000	50	12M55G3000/5	2400				
PSBD3000	2160/2750	2400/3000	50	16M55G3000/5	2400				
PSBD3300	2376/3000	2640/3300	50	16M55G3300/5	2640				
PSBD3750	2700/3250	3000/3750	50	16M55G3750/5	3000				
PSBD4125	2970/3750	3300/4125	50	16M55G4125/5	3300				

Note: All the parameter is provided for the convenience of our customers as accurately as possible.  
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## DEUTZ WATER COOLED Series Diesel Generator Sets

Power coverage from 14kva-825kva

Engine : DEUTZ

Speed : 1500/1800rpm

Alternator : Stamford / Leroysoner / Marathon/Mecc Alt / Powersan

IP &Insulation Class : IP22-23 & F/H

Frequency : 50/60Hz

Controller : Deepsea / Smartgen / Datakom / ComAp / Powersan

Silent Gen-Set Sound Level : 73-85db (at 7m distance)

Super Silent Gen-Set Sound Level : 63-75db (at 7m distance)

### WATER-COOLED DEUTZ ENGINE

### DEUTZ Diesel Generator Set (50HZ)

Generator Set Performance				Generator Set Performance				Dimension	
Model	OUTPUT POWER		Fre. HZ	ENGINE	Power	Fuel Consumption	Cylinder	Open type / weight	soundproof type / weight
	PRIME OUTPUT (KW/KVA)	STANDBY POWER (KW/KVA)		MODEL	KW	L/H		No.	mm / kg
PSD69	50/63	55/69	50	BF4M2012	54	16.9	4	1900×800×1200 / 860	2350×960×1300 / 1130
PSD88	64/80	70/88	50	BF4M2012C	71	19.3	4	2000×850×1250 / 1000	2500×1000×1350 / 1360
PSD110	80/100	88/110	50	BF4M1013EC	97	25.8	4	2150×850×1500 / 1150	2800×1060×1600 / 1570
PSD138	100/125	110/138	50	BF4M1013FC	117	32.3	4	2250×850×1500 / 1230	2800×1060×1600 / 1620
PSD165	120/150	132/165	50	BF6M1013EC	146	38.5	6	2500×1050×1650 / 1480	3200×1200×1750 / 2100
PSD200	145/181	160/200	50	BF6M1013FCG2	166	45.9	6	2600×1050×1650 / 1570	3300×1200×1750 / 2200
PSD220	160/200	176/220	50	BF6M1013FCG3	182	50.8	6	2650×1050×1650 / 1630	3300×1200×1750 / 2250
PSD248	180/225	198/248	50	BF6M1015-LA GA	208	47.4	6	2650×1150×1950 / 2300	3300×1200×2050 / 3000
PSD275	200/250	220/275	50	BF6M1015C-LA G1A	228	52.0	6	2650×1150×1950 / 2400	3300×1200×2050 / 3100
PSD317	230/288	253/317	50	BF6M1015C-LA G2A	256	58.3	6	2800×1350×2000 / 3000	3500×1500×2100 / 3650
PSD344	250/313	275/344	50	BF6M1015C-LA G3A	282	64.3	6	2800×1350×2000 / 3050	3500×1500×2100 / 3700
PSD385	280/350	308/385	50	BF6M1015C-LA G4	310	70.7	6	2900×1350×2000 / 3400	3600×1500×2100 / 4250
PSD413	300/375	330/413	50	BF6M1015CP-LA G	328	74.8	6	2900×1350×2000 / 3400	3600×1500×2100 / 4250
PSD481	350/438	385/481	50	BF8M1015C-LA G1A	388	88.4	8	3100×1500×2050 / 4380	4000×1800×2200 / 5580
PSD523	380/475	418/523	50	BF8M1015CP-LA G1A	413	94.1	8	3100×1500×2050 / 4500	4000×1800×2200 / 5720
PSD550	400/500	440/550	50	BF8M1015CP-LA G2	448	102.1	8	3100×1500×2050 / 4500	4000×1800×2200 / 5720
PSD619	450/563	495/619	50	BF8M1015CP-LA G4	480	109.4	8	3100×1500×2050 / 4800	4000×1800×2200 / 6000
PSD688	500/625	550/688	50	BF8M1015CP-LA G5	509	116.0	12	3100×1500×2050 / 5000	4000×1800×2200 / 6200
PSD756	550/688	605/756	50	HC12V132ZL-LAG1A	600	137.4	12	4700×1800×2100 / 6000	5800×2200×2550 / 8500
PSD825	600/750	660/825	50	HC12V132ZL-LAG2A	666	152.6	12	4700×1800×2100 / 6000	5800×2200×2550 / 8500

### AIR-COOLED DEUTZ ENGINE

### DEUTZ Diesel Generator Set (50HZ)

Generator Set Performance				Generator Set Performance				Dimension	
Model	OUTPUT POWER		Fre. HZ	ENGINE	Power	Fuel Consumption	Cylinder	Open type / weight	soundproof type / weight
	PRIME OUTPUT (KW/KVA)	STANDBY POWER (KW/KVA)		MODEL	KW	L/H		No.	mm / kg
PSD14	10/12.5	11/13.8	50	F2L912	14	2.38	2	1200×750×1100/500	1750×850×1150/700
PSD17	12/15	13/17	50	F2L912	14	2.856	2	1200×750×1100/500	1750×850×1150/700
PSD21	15/19	17/21	50	F3L912	24	3.48	3	1400×750×1150/700	1850×850×1200/900
PSD25	18/23	20/25	50	F3L912	24	4.176	3	1400×750×1150/700	1850×850×1200/900
PSD28	20/25	22/28	50	F3L912	24	4.64	3	1400×750×1150/700	1850×850×1200/900
PSD33	24/30	26/33	50	F4L912	32	5.472	4	1500×750×1150/750	1950×850×1200/950
PSD41	30/38	33/41	50	F4L913	34	6.84	4	1600×750×1150/800	2050×850×1200/1000
PSD45	32/40	36/45	50	F4L912T	41	7.04	4	1600×750×1150/800	2050×850×1200/1000
PSD55	40/50	44/55	50	F6L912	48	9.12	6	1800×800×1200/950	2200×900×1300/1150
PSD60	44/55	48/60	50	F6L913	51	10.032	6	1800×800×1200/950	2200×900×1300/1150
PSD62	45/56	50/62	50	BF4L913	57	10.485	4	1800×800×1200/950	2200×900×1300/1150
PSD69	50/63	55/69	50	F6L912T	61	11.4	6	2050×850×1400/1200	2400×960×1450/1450
PSD83	60/75	66/83	50	BF6L913	88	13.68	6	2050×850×1400/1200	2400×960×1450/1450
PSD103	75/93	83/103	50	BF6L913	88	17.1	6	2050×850×1400/1200	2400×960×1450/1450
PSD124	90/113	99/124	50	BF6L913C	114	20.52	6	2100×850×1400/1250	2400×960×1450/1500
PSD137	100/125	110/137	50	BF6L913C	114	22.8	6	2100×850×1400/1250	2400×960×1450/1500

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## PERKINS Series Diesel Generator Sets

Power coverage from 11kva-2250kva

Engine : CUMMINS BRAND

Speed : 1500/1800rpm

Alternator : Stamford / LeroySomer / Marathon/Mecc Alt / Powersan

IP &Insulation Class : IP22-23 & F/H

Frequency : 50/60Hz

Controller : Deepsea / Smartgen / Datakom / ComAp / Powersan

Silent Gen-Set Sound Level : 73-85db (at 7m distance)

Super Silent Gen-Set Sound Level : 63-75db (at 7m distance)

### Technical Data

### PERKINS Diesel Generator Set (50HZ)

Generator Set Performance				Generator Set Performance				Dimension	
Model	OUTPUT POWER		Fre. HZ	ENGINE	Power	Fuel Consumption	Cylinder	Open type / weight	soundproof type / weight
	PRIME OUTPUT (KW/KVA)	STANDBY POWER (KW/KVA)						mm / kg	mm / kg
				MODEL	KW	L/H	No.		
PSP11	8/10	8.8/11	50	403A-11G1	8	2.6	3	1200×750×950 / 396	1850×850×1100 / 620
PSP11	8/10	8.8/11	50	403D-11G	8.4	3	3	1200×750×950 / 396	1850×850×1100 / 620
PSP14	10/12.5	11/13.8	50	403A-15G1	12	3.7	3	1350×750×1050 / 469	1850×850×1100 / 680
PSP16	12/15	13.2/16.5	50	403A-15G2	14	4.1	3	1350×750×1050 / 469	1850×850×1100 / 680
PSP16	12/15	13.2/16.5	50	403D-15G	12	6.8	3	1350×750×1050 / 469	1850×850×1100 / 680
PSP22	16/20	17.6/22	50	404A-22G1	18	5.4	4	1350×750×1050 / 540	1850×850×1100 / 740
PSP22	16/20	17.6/22	50	404D-22G	18	5.3	4	1350×750×1050 / 540	1850×850×1100 / 740
PSP72	52/65	57.5/71.5	50	1104A-44TG1	58	17.7	4	1850×850×1200 / 970	2500×960×1300 / 1350
PSP88	64/80	70.6/88	50	1104A-44TG2	72	18.7	4	1900×850×1200 / 990	2600×960×1300 / 1370
PSP88	64/80	70.6/88	50	1104C-44TAG1	72	18.6	4	1900×850×1200 / 990	2600×960×1300 / 1370
PSP110	80/100	88/110	50	1104C-44TAG2	90	22.6	4	1900×850×1200 / 1030	2600×960×1300 / 1410
PSP151	110/137.5	121/151	50	1106D-E70TAG2	125	35.0	6	2200×850×1300 / 1250	2800×1060×1500 / 1670
PSP165	120/150	132/165	50	1106A-70TG1	119	30.2	6	2200×850×1300 / 1250	2800×1060×1500 / 1670
PSP165	120/150	132/165	50	1106A-70TAG2	131	33.4	6	2200×850×1300 / 1250	2800×1060×1500 / 1670
PSP165	120/150	132/165	50	1106D-E70TAG3	131	37.5	6	2200×850×1300 / 1250	2800×1060×1500 / 1670
PSP206	150/187.5	165/206	50	1106D-E70TAG4	160	43.4	6	2500×850×1400 / 1515	3200×1060×1700 / 1950
PSP275	200/250	220/275	50	1106A-70TAG4	174	45.8	6	2500×850×1500 / 1515	3200×1060×1700 / 1950

PSP33	24/30	26.4/33	50	1103A-33G	28	7.1	3	1500×850×1200 / 790	1950×900×1200 / 990
PSP50	36/45	39.6/49.5	50	1103A-33TG1	42	10.7	3	1650×850×1200 / 890	2100×900×1300 / 1100
PSP69	50/62.5	55/68.8	50	1103A-33TG2	55	13.9	3	1750×850×1200 / 950	2200×900×1300 / 1200
PSP220	160/200	176/220	50	1506A-E88TAG1	184	40.2	6	2600×950×1600 / 2170	3300×1400×1900 / 2870
PSP275	200/250	220/275	50	1506A-E88TAG2	205	48.6	6	2700×950×1600 / 2170	3500×1400×1900 / 2870
PSP275	200/250	220/275	50	1506A-E88TAG3	228	56.0	6	2700×950×1600 / 2170	3500×1400×1900 / 2870
PSP303	220/275	242/303	50	1506A-E88TAG4	250	60.2	6	2750×950×1600 / 2350	3500×1400×1900 / 3030
PSP344	250/313	275/344	50	1506A-E88TAG5	273	65.0	6	2750×950×1600 / 2350	3500×1400×1900 / 3030
PSP385	280/350	308/385	50	2206C-E13TAG2	305	75.0	6	3280×1120×1950 / 3160	4300×1800×2300 / 4460
PSP400	320/400	352/440	50	2206C-E13TAG3	349	85.0	6	3280×1120×1950 / 3300	4300×1800×2300 / 4600
PSP475	380/475	418/523	50	2506C-E15TAG1	396	99.0	6	3310×1120×1950 / 3800	4300×1800×2300 / 5100
PSP500	400/500	440/550	50	2506C-E15TAG2	435	106.0	6	3310×1120×1950 / 3940	4300×1800×2300 / 5240
PSP600	480/600	528/660	50	2806C-E18TAG1A	514	129.0	6	4100×1500×2100 / 4706	6058×2438×2896 / 7200
PSP650	520/650	572/715	50	2806A-E18TAG2	565	132.0	6	4100×1500×2100 / 4706	6058×2438×2896 / 7200
PSP725	580/725	638/798	50	4006-23TAG2A	628	157.0	6	4450×1750×2350 / 6059	6058×2438×2896 / 8560
PSP800	640/800	704/880	50	4006-23TAG3A	675	172.0	6	4450×1750×2350 / 6059	6058×2438×2896 / 8560
PSP900	720/900	792/990	50	4008TAG1A	767	203.0	8	4850×1870×2350 / 7611	6058×2438×2896 / 10100
PSP1000	800/1000	880/1100	50	4008TAG2A	861	204.0	8	4850×1870×2350 / 7611	6058×2438×2896 / 10100
PSP1125	900/1125	990/1238	50	4008-30TAG3	997	244.0	8	4850×2000×2350 / 7611	6058×2438×2896 / 10100
PSP1250	1000/1250	1100/1375	50	4012-46TWG2A	1055	259.0	12	4900×2070×2550 / 9154	12192×2438×2896 / 13100
PSP1375	1100/1375	1210/1513	50	4012-46TWG3A	1149	283.0	12	5180×2070×2550 / 10188	12192×2438×2896 / 14200
PSP1500	1200/1500	1320/1650	50	4012-46TAG2A	1267	305.0	12	5180×2070×2550 / 10188	12192×2438×2896 / 14200
PSP1688	1350/1688	1485/1856	50	4012-46TAG3A	1440	354.0	12	5180×2070×2550 / 10188	12192×2438×2896 / 14200
PSP1850	1480/1850	1628/2035	50	4016TAG1A	1537	389.0	16	5725×2300×2600 / 13400	12192×2438×2896 / 17400
PSP2000	1600/2000	1760/2200	50	4016TAG2A	1715	447.0	16	5725×2300×2600 / 13400	12192×2438×2896 / 17400
PSP1850	1480/1850	1628/2035	50	4016-61TRG1	1558	384.0	16	6800×2300×2600 / 15500	12192×2438×2896 / 19500
PSP2000	1600/2000	1760/2200	50	4016-61TRG2	1684	422.0	16	6800×2300×2600 / 15500	12192×2438×2896 / 19500
PSP2250	1800/2250	1980/2475	50	4016-61TRG3	1875	470.0	16	6800×2300×2600 / 15500	12192×2438×2896 / 19500

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**Technical Data**

**LOVOL Diesel Generator Set (50HZ)**

Model	Generator Set Performance			Generator Set Performance				Dimension	
	OUTPUT POWER		Fre. HZ	ENGINE	Power	Fuel Consumption	Cylinder	Open type / weight	soundproof type / weight
	PRIME OUTPUT (KW/KVA)	STANDBY POWER (KW/KVA)		MODEL	KW	L/H	No.	mm / kg	mm / kg
PSL34	25/31.25	27.5/34.3	50	1003G	28	6.8	3	1600×850×1200 / 700	2000×960×1250 / 1000
PSL41	30/37.5	33/41.2	50	1004G	40	9.8	4	1700×850×1200 / 750	2100×960×1250 / 1050
PSL47	34/42.5	37.4/46.8	50	1003TG1A	38	9.3	3	1700×850×1200 / 750	2100×960×1250 / 1050
PSL55	40/50	44/55	50	1003TG	44	10.7	3	1800×850×1200 / 850	2200×960×1250 / 1150
PSL55	40/50	44/55	50	1004TG1A	52	12.4	3	1800×850×1200 / 1000	2200×960×1250 / 1250
PSL69	50/62.5	55/68.8	50	1004TG	65.7	15.7	4	1900×850×1200 / 1200	2300×960×1250 / 1630
PSL103	75/94	82.5/103.5	50	1006TG1A	84	20	6	2150×850×1400 / 1200	2800×1060×1450 / 1630
PSL103	75/94	82.5/103.5	50	1006TG3A	86	20.5	6	2150×850×1400 / 1200	2800×1060×1450 / 1630
PSL110	80/100	88/110	50	1006TG2A	92	21.9	6	2150×850×1400 / 1200	2800×1060×1450 / 1630
PSL138	100/125	110/138	50	1006TAG1A	106	25.3	6	2150×850×1400 / 1200	2800×1060×1450 / 1630
PSL138	100/125	110/138	50	1006TAG	121	28.8	6	2150×850×1400 / 1200	2800×1060×1450 / 1630
PSL165	120/150	132/165	50	1106C-P6TAG2	130	31	6	2200×850×1400 / 1250	2800×1060×1500 / 1670
PSL165	120/150	132/165	50	1106C-P6TAG3	141	33.6	6	2200×850×1400 / 1250	2800×1060×1500 / 1670
PSL192	140/175	154/192.5	50	1106C-P6TAG4	158	37.6	6	2600×1000×1600 / 1650	3200×1200×1700 / 2080

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## LOVOL Series

### Diesel Generator Sets

Power coverage from 34kva-192kva

Engine : LOVOL

Speed : 1500/1800rpm

Alternator : Stamford / Leroysoner / Marathon/Mecc Alt / Powersan

IP &Insulation Class : IP22-23 & F/H

Frequency : 50/60Hz

Controller : Deepsea / Smartgen / Datakom / ComAp / Powersan

Silent Gen-Set Sound Level : 73-85db (at 7m distance)

Super Silent Gen-Set Sound Level : 63-75db (at 7m distance)



**Technical Data**

**DOOSAN Diesel Generator Set (50HZ)**

Model	Generator Set Performance			Generator Set Performance				Dimension	
	OUTPUT POWER		Fre. HZ	ENGINE	Power	Fuel Consumption	Cylinder	Open type / weight	soundproof type / weight
	PRIME OUTPUT (KW/KVA)	STANDBY POWER (KW/KVA)		MODEL	KW	L/H	No.	mm / kg	mm / kg
PSDS164	119/149	131/164	50	DP086TA	137	33.7	6	2400×950×1300/1400	2950×1160×1430/1770
PSDS184	134/168	147/184	50	P086T1-1	149	35.4	6	2400×950×1300/1400	2950×1160×1430/1770
PSDS220	160/200	176/220	50	P086T1	177	43.1	6	2500×950×1400/1600	3100×1270×1600/2240
PSDS252	183/229	201/252	50	DP086LA	201	48.7	6	2500×950×1400/1600	3100×1270×1600/2240
PSDS300	218/273	240/300	50	P126TI	241	58.1	6	2800×950×1500/2200	3550×1290×1700/2750
PSDS330	240/300	264/330	50	P126TI-II	265	63.1	6	2900×950×1550/2450	3600×1340×1750/3050
PSDS402	292/365	321/402	50	P158LE-1	327	78.7	8	2900×1180×1550/2800	3600×1480×1750/3500
PSDS440	326/402	359/440	50	P158LE	363	89.3	8	2900×1180×1550/2800	3600×1480×1750/3500
PSDS509	370/463	407/509	50	DP158LC	408	99.6	8	2900×1180×1550/3100	3600×1480×1750/3800
PSDS582	423/529	465/582	50	DP158LD	464	115.1	8	2900×1180×1550/3300	3600×1480×1750/4000
PSDS633	460/575	506/633	50	DP180LA	502	123.6	10	3600×1550×2100/3500	4600×1800×2300/4570
PSDS700	509/636	560/700	50	DP180LB	556	136.4	10	3600×1550×2100/3500	4600×1800×2300/4570
PSDS758	551/689	606/758	50	DP222LB	604	147.1	12	3650×1550×2100/3800	4650×1800×2300/4870
PSDS826	601/751	661/826	50	DP222LC	657	161	12	3660×1550×2100/3800	4650×1800×2300/4870

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**DOOSAN Series**  
Diesel Generator Sets

Power coverage from 164kva-826kva  
 Engine : DOOSAN  
 Speed : 1500/1800rpm  
 Alternator : Stamford / Leroysoner / Marathon/Mecc Alt / Powersan  
 IP &Insulation Class : IP22-23 & F/H  
 Frequency : 50/60Hz  
 Controller : Deepsea / Smartgen / Datakom / ComAp / Powersan  
 Silent Gen-Set Sound Level : 73-85db (at 7m distance)  
 Super Silent Gen-Set Sound Level : 63-75db (at 7m distance)



**Technical Data**

**RICARDO Diesel Generator Set (50HZ)**

Model	Generator Set Performance			Generator Set Performance				Dimension	
	OUTPUT POWER		Fre. HZ	ENGINE	Power	Fuel Consumption	Cylinder	Open type / weight	soundproof type / weight
	PRIME OUTPUT (KW/KVA)	STANDBY POWER (KW/KVA)		MODEL	KW	L/H	No.	mm / kg	mm / kg
PSR11	8/10	8.8/11	50	Y480BD	14	1.9	4	1450X640X950/630	1800X850X1100/650
PSR14	10/13	11/14	50	Y480BD	14	2.4	4	1450X640X950/630	1800X850X1100/650
PSR16	12/15	13.2/16.5	50	Y480BD	14	2.9	4	1450X640X950/650	1800X850X1100/700
PSR20	15/18	16.5/20	50	Y485BD	17	3.7	4	1450X640X950/700	1800X850X1200/750
PSR25	21.6/22	24/25	50	490D	24	5.1	4	1755X950X1090/800	1950X950X1210/850
PSR33	29.7/30	33/33	50	ZH4100D	33	7.2	4	1890X950X1180/900	2100X950X1310/950
PSR40	29.7/35	33/40	50	ZH4100D	33	9	4	1890X950X1180/910	2100X950X1310/960
PSR50	39.6/45	44/50	50	ZH4100ZD	44	10.2	4	2070X1000X1170/970	2300X1000X1300/1020
PSR60	50.4/54	56/60	50	ZH4105ZD	56	12.7	4	2160X1000X1170/1150	2400X1000X1300/1200
PSR75	54/67	60/75	50	R4105ZD	60	14.2	4	2160X1000X1170/1190	2400X1000X1300/1240
PSR90	67.5/81	75/90	50	R4105ZLD	75	17.3	4	2250X1050X1270/1250	2500X1050X1410/1300
PSR110	81/100	90/110	50	R6105ZD	90	21.2	4	2520X1100X1305/1500	2800X1100X1450/1550
PSR125	99/110	110/125	50	R6105ZD	110	22	6	2520X1100X1305/1500	2800X1100X1450/1550
PSR150	117/137	130/150	50	R6105AZLD	130	22.9	6	2610X1100X1305/1520	2900X1100X1450/1570
PSR175	130.5/160	145/175	50	R6105IZLD	145	28.9	6	2655X1100X1330/1650	2950X1100X1480/1700
PSR200	144/160	160/200	50	R6108IZLD	160	34	6	2790X1150X1540/1900	3100X1150X1710/1950

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**RICARDO Series**  
Diesel Generator Sets

- Power coverage from 11kva-200kva
- Engine : RICARDO
- Speed : 1500/1800rpm
- Alternator : Stamford / Leroysoner / Marathon/Mecc Alt / Powersan
- IP & Insulation Class : IP22-23 & F/H
- Frequency : 50/60Hz
- Controller : Deepsea / Smartgen / Datakom / ComAp / Powersan
- Silent Gen-Set Sound Level : 73-85db (at 7m distance)
- Super Silent Gen-Set Sound Level : 63-75db (at 7m distance)



## YUCHAI Series Diesel Generator Sets

Power coverage from 25kva-2263kva

Engine : YUCHAI

Speed : 1500/1800rpm

Alternator : Stamford / Leroysoner / Marathon/Mecc Alt / Powersan

IP &Insulation Class : IP22-23 & F/H

Frequency : 50/60Hz

Controller : Deepsea / Smartgen / Datakom / ComAp / Powersan

Silent Gen-Set Sound Level : 73-85db (at 7m distance)

Super Silent Gen-Set Sound Level : 63-75db (at 7m distance)

### Technical Data

### YUCHAI Diesel Generator Set (50HZ)

Model	Generator Set Performance			Generator Set Performance				Dimension	
	OUTPUT POWER		Fre. HZ	ENGINE	Power	Fuel Consumption	Cylinder	Open type / weight	soundproof type / weight
	PRIME OUTPUT (KW/KVA)	STANDBY POWER (KW/KVA)		MODEL	KW	L/H	No.	mm / kg	mm / kg
PSCH25	18/23	20/25	50	YC4F35-D21	21	4.32	4	1500×660×1100/620	2000×900×1250/880
PSCH33	24/30	26/33	50	YC4FA40Z-D20	28	5.52	4	1550×660×1150/620	2000×900×1250/880
PSCH41	30/38	33/41	50	YC4FA55Z-D20	36.8	6.9	4	1700×660×1150/640	2100×900×1250/900
PSCH47	34/43	37/47	50	YC4D60-D21	40	8.16	4	1850×800×1200/780	2300×960×1300/1080
PSCH70	50/63	55/69	50	YC4D85Z-D20	55	11.5	4	1950×800×1200/840	2400×960×1300/1160
PSCH70	50/63	55/69	50	YC4D90Z-D20	60	11.5	4	1950×800×1200/840	2400×960×1300/1160
PSCH83	60/75	66/83	50	YC4A100Z-D20	70	12.3	4	1950×800×1300/1080	2400×960×1300/1380
PSCH124	80/100	88/124	50	YC6B135Z-D20	90	15.76	6	2200×800×1300/1300	2800×1100×1600/1720
PSCH124	90/113	99/124	50	YC6B155L-D21	103	17.64	6	2350×900×1400/1380	2900×1100×1600/1780
PSCH149	108/135	119/149	50	YC6B180L-D20	120	21.17	6	2450×900×1400/1430	3000×1100×1600/1860
PSCH176	128/160	141/176	50	YC6B205L-D20	138	24.96	6	2450×900×1400/1480	3000×1100×1600/1900
PSCH193	140/175	154/193	50	YC6A230L-D20	155	27.3	6	2550×900×1400/1620	3200×1100×1600/2060
PSCH203	150/188	165/203	50	YC6A245L-D21	165	29.25	6	2550×900×1400/1640	3200×1100×1600/2080
PSCH220	160/200	176/220	50	YC6G270L-D20	180	34.4	6	2600×980×1450/1660	3300×1400×1800/2280
PSCH234	170/213	187/234	50	YC6MK285L-D20	192	33.15	6	2850×1060×1700/2050	3600×1400×1900/2740
PSCH303	220/275	242/303	50	YC6MK350L-D20	235	42.9	6	2920×1060×1700/2480	3700×1400×1900/3070
PSCH344	250/313	275/344	50	YC6MK420L-D20	281	48.75	6	2920×1060×1700/2600	3700×1400×1900/3180
PSCH413	300/375	330/413	50	YC6MJ480L-D20	321	63	6	3000×1060×1700/2720	3800×1400×1900/3460
PSCH468	340/425	374/468	50	YC6T550L-D21	368	65.28	6	3550×1380×2050/4180	4300×1800×2300/5480
PSCH495	360/450	396/495	50	YC6T600L-D22	401	70.12	6	3550×1380×2050/4180	4300×1800×2300/5480
PSCH550	400/500	440/550	50	YC6T660L-D20	441	76.8	6	3550×1380×2050/4280	4300×1800×2300/5580
PSCH578	420/525	462/578	50	YC6T700L-D20	468	80.64	6	3550×1380×2050/4280	4300×1800×2300/5580
PSCH660	480/600	528/660	50	YC6TD780L-D20	520	108	6	3600×1380×2100/4700	4500×1800×2300/5950
PSCH688	500/625	550/688	50	YC6TD840L-D20	560	112.5	6	3600×1380×2100/4700	4500×1800×2300/5950
PSCH743	540/675	594/743	50	YC6TD900-D31	605	118.8	6	3600×1380×2100/4850	4500×1800×2300/6100
PSCH825	600/750	660/825	50	YC6C1020L-D20	680	117	6	4500×1700×2500/7500	6058×2438×2896/10000
PSCH894	650/813	715/894	50	YC6C1070L-D20	715	126.75	6	4500×1700×2500/7500	6058×2438×2896/10000
PSCH990	720/900	792/990	50	YC6C1220L-D20	815	140.4	6	4500×1700×2500/7500	6058×2438×2896/10000
PSCH1100	800/1000	880/1100	50	YC6C1320L-D20	880	156	6	4500×1700×2500/7500	6058×2438×2896/10000
PSCH1238	900/1125	990/1238	50	YC6C1520-D31	1016	189	6	4700×1800×2500/7800	6058×2438×2896/10500
PSCH1375	1000/1250	1100/1375	50	YC12VC1680L-D20	1120	210	12	5000×2000×2500/12300	12192×2438×2896/16300
PSCH1719	1250/1563	1375/1719	50	YC12VC2070L-D20	1380	262.5	12	5300×2080×2500/12300	12192×2438×2896/16300
PSCH1884	1370/1713	1507/1884	50	YC12VC2270L-D20	1520	287.7	12	5500×2180×2550/12400	12192×2438×2896/16400
PSCH2063	1500/1875	1650/2063	50	YC12VC2510L-D20	1680	315	12	5600×2280×2600/12400	12192×2438×2896/16400
PSCH2263	1650/2063	1815/2263	50	YC12VC2700-D31	1805	334.95	12	5700×2280×2600/12500	12192×2438×2896/16500

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**Technical Data**

**YTO Diesel Generator Set (50HZ)**

Generator Set Performance				Generator Set Performance				Dimension	
Model	OUTPUT POWER		Fre. HZ	ENGINE	Power	Fuel Consumption	Cylinder	Open type / weight	soundproof type / weight
	PRIME OUTPUT (KW/KVA)	STANDBY POWER (KW/KVA)		MODEL	KW	L/H	No.	mm / kg	mm / kg
PSYT125	99/112,5	110/125	50	LR4M3L-D	110	18	4	2400X1000X1200/1100	2700X1100X1500/1400
PSYT150	112,5/135	125/150	50	LR4M3L-DA	125	18	4	2500X1000X1200/1200	2800X1100X1500/1500
PSYT175	143,1/157,5	159/175	50	LR6A3L-D	159	25	6	2800X1050X1410/1750	3100X1150X1710/2050
PSYT200	157,5/180	175/200	50	LR6M3L-D	175	25	6	2800X1050X1410/1800	3100X1150X1710/2100
PSYT225	176,4/202,5	196/225	50	LR6M3L-DA	196	26	6	2900X1050X1410/1950	3200X1150X1710/2250
PSYT275	205,2/247	228/275	50	YM6S4L-D	228	41.5	6	3400X1220X1600/2600	3700X1320X1900/2900
PSYT330	247,5/300	275/330	50	YM6S4LF-D	275	58	6	3500X1220X1600/2850	3800X1320X1900/3150
PSYT385	277,2/346,5	308/385	50	YM6S9L-D	308	68	6	3900X1500X1900/3500	4200X1600X2200/3800
PSYT440	315/396	350/440	50	YM6S9LF-D	350	85	6	4000X1600X2200/4200	4300X1700X2500/4500
PSYT510	387/459	430/510	50	YM6S9LF-DA	430	91	6	4000X1600X2200/4500	4300X1700X2500/4800

Note: All the parameter is provided for the convenience of our customers as accurately as possible.  
RICARDO reserves the right to modify the data at any time



# YTO

## Series Diesel Generator Sets

Power coverage from 125kva-510kva

Engine : DONGFENG

Speed : 1500/1800rpm

Alternator : Stamford / Leroysoner / Marathon/Mecc Alt / Powersan

IP &Insulation Class : IP22-23 & F/H

Frequency : 50/60Hz

Controller : Deepsea / Smartgen / Datakom / ComAp / Powersan

Silent Gen-Set Sound Level : 73-85db (at 7m distance)

Super Silent Gen-Set Sound Level : 63-75db (at 7m distance)



**Technical Data**

**YANGDONG Diesel Generator Set (50HZ)**

Model	Generator Set Performance			Generator Set Performance				Dimension	
	OUTPUT POWER		Fre. HZ	ENGINE	Power	Fuel Consumption	Cylinder	Open type / weight	soundproof type / weight
	PRIME OUTPUT (KW/KVA)	STANDBY POWER (KW/KVA)		MODEL	KW	L/H	No.	mm / kg	mm / kg
PSYD16	12,6/14	14/16	50	YD480D	14	4,2	4	1550X820X910/400	1850X920X1210/700
PSYD20	15,3/18	17/20	50	YND485D	17	4,7	4	1550X820X910/450	1850X920X1210/750
PSYD25	18,9/22	21/25	50	YSD490D	21	5,3	4	1550X820X910/500	1850X920X1210/800
PSYD33	24,3/30	27/33	50	Y495D	27	6,5	4	1750X850X910/555	2050X950X1210/855
PSYD40	29,7/35	33/40	50	Y4102D	33	7,4	4	1750X850X910/570	2050X950X1210/870
PSYD50	38,7/45	43/50	50	Y4110D	43	10	4	2000X850X1010/660	2300X950X1310/960
PSYD60	43,2/54	48/60	50	Y4102ZLD	48	11,8	4	2100X900X1010/680	2400X1000X1310/980
PSYD75	56,7/63	63/75	50	YD4EZLD	63	14,8	4	2100X900X1010/770	2400X1000X1310/1070
PSYD100	72/90	80/100	50	Y4110ZLDA	80	17,3	4	2100X900X1010/860	2400X1000X1310/1160
PSYD110	81/100	90/110	50	YD4GZLD	90	20,8	4	2100X900X1010/890	2400X1000X1310/1190

Note: All the parameter is provided for the convenience of our customers as accurately as possible.  
RICARDO reserves the right to modify the data at any time



# YANGDONG DIESEL ENGINES

## Series Diesel Generator Sets

Power coverage from 16kva-110kva

Engine : YANGDONG

Speed : 1500/1800rpm

Alternator : Stamford / Leroysoner / Marathon/Mecc Alt / Powersan

IP &Insulation Class : IP22-23 & F/H

Frequency : 50/60Hz

Controller : Deepsea / Smartgen / Datakom / ComAp / Powersan

Silent Gen-Set Sound Level : 73-85db (at 7m distance)

Super Silent Gen-Set Sound Level : 63-75db (at 7m distance)



**Technical Data**

**DONGFANGHONG Diesel Generator Set (50HZ)**

Model	Generator Set Performance			Generator Set Performance				Dimension	
	OUTPUT POWER		Fre. HZ	ENGINE	Power	Fuel Consumption	Cylinder	Open type / weight	soundproof type / weight
	PRIME OUTPUT (KW/KVA)	STANDBY POWER (KW/KVA)		MODEL	KW	L/H	No.	mm / kg	mm / kg
PSDG220	185,4/200	206/220	50	WLD6L206TAD	206	32,8	6	2500X980X1550/1600	3000X1050X1750/2200
PSDG250	204,3/230	227/253	50	WLD6L227TAD	227	36,9	6	2600X980X1550/1650	3000X1050X1750/2250
PSDG275	236,7/250	263/275	50	WLD6L263TAD	263	41	6	2600X980X1550/1750	3200X1300X1750/2350
PSDG325	236,7/295	263/325	50	WLD6L263TAD	263	45,1	6	2600X980X1550/1800	3200X1300X1750/2400
PSDG385	277,2/350	308/385	50	WLD6L308TAD	308	49,2	6	3000X1000X1700/2600	3600X1400X2100/3100
PSDG400	315/364	350/400	50	WLD6L350TAD	350	54,3	6	3300X1150X1700/3800	4200X1750X2100/5000
PSDG440	337,5/400	375/440	50	WLD6L375TAD	375	59,4	6	3300X1150X1700/4300	4200X1750X2100/5600
PSDG495	405/450	450/495	50	WLD6L450TAD	450	64,5	6	3700X1650X1900/4900	4600X2050X2400/6200
PSDG550	414/500	460/550	50	WLD6L460TAD	460	70,6	6	4200X1950X2200/5500	5100X2350X2700/6800
PSDG620	459/563	510/619	50	WLD12V510TAD	510	76,7	12	4700X2250X2500/6100	5600X2650X3000/7400
PSDG690	508,5/625	565/688	50	WLD12V565TAD	565	82,8	12	5200X2550X2800/6500	6100X2950X3300/8000
PSDG750	567/687	630/756	50	WLD12V630TAD	630	88,9	12	5200X2550X2800/7100	6100X2950X3300/8600
PSDG825	612/750	680/825	50	WLD12V680TAD	680	95	12	5700X2850X3100/7700	6600X3250X3600/9200
PSDG880	648/800	720/880	50	WLD12V720TAD	720	101,1	12	6200X3150X3400/8300	7100X3550X3900/9800
PSDG935	702/850	780/935	50	WLD12V780TAD	780	107,2	12	6200X3150X3400/8400	7100X3550X3900/10400
PSDG1000	743,4/909	826/1000	50	WLD12V826TAD	826	113,3	12	6700X3450X3700/9000	7600X3850X4200/11000
PSDG1100	797,4/1000	886/1100	50	WLD12V886TAD	886	119,4	12	7200X3750X4000/9600	8100X4150X4500/11600

Note: All the parameter is provided for the convenience of our customers as accurately as possible.  
XHX reserves the right to modify the data at any time



# SHANGAI DONGFENG

## Series Diesel Generator Sets

Power coverage from 220kva-1100kva

Engine : DONGFENG

Speed : 1500/1800rpm

Alternator : Stamford / Leroysoner / Marathon/Mecc Alt / Powersan

IP & Insulation Class : IP22-23 & F/H

Frequency : 50/60Hz

Controller : Deepsea / Smartgen / Datakom / ComAp / Powersan

Silent Gen-Set Sound Level : 63-75db (at 7m distance)

**SILENT DIESEL GENERATOR SET**



**SILENT DIESEL GENERATOR SET (ABOVE 500KW)**



email: [powersan@powersan.com.tr](mailto:powersan@powersan.com.tr) Tel.: 0 850 220 65 28  
www.powersan.com.tr



**ELECTRIC PERFORMANCE**

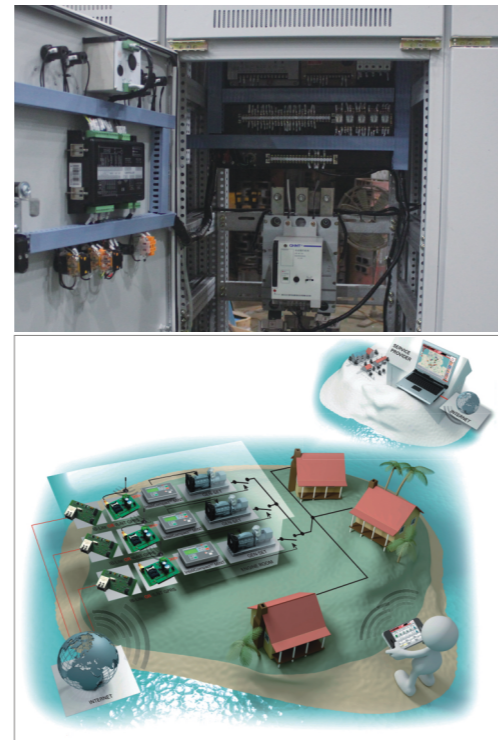
The voltage adjust for 110V、220V、400V、480V etc.The frequency is 50Hz/60Hz.It is adopted with brushless exciting system.  
Insulation class:H; Protection class:IP22~23; Steady-state voltage regulation rate  $\leq \pm 1\%$ ; Transient-state voltage  $\leq \begin{matrix} +20\% \\ -15\% \end{matrix}$ ; The line voltage waveform distortion rate  $\leq 5\%$ ; Voltage adjust range  $\geq \pm 10\%$  UN; Ambient temperature  $\leq \pm 40^\circ\text{C}$ ; Altitude  $\leq 40^\circ\text{C}$ ; Altitude  $\leq 1000\text{m}$ ; Air relative humidity  $\leq 90\%$ .

**Technical Data**

Model	Rated Power (KW)	Rated Capacity (KVA)	Fre. (HZ)	Voltage (V)	Model	Rated Power (KW)	Rated Capacity (KVA)	Fre. (HZ)	Voltage (V)
XHX-6.5	6.5	7.8	50/60	400V	XHX-112	112	140	50/60	400V
XHX-7.5	7.5	9.375	50/60	400V	XHX-128	128	160	50/60	400V
XHX-10	10	12.5	50/60	400V	XHX-144	144	180	50/60	400V
XHX-12	12	15	50/60	400V	XHX-150	150	187.5	50/60	400V
XHX-13	13	16.25	50/60	400V	XHX-160	160	200	50/60	400V
XHX-15	15	18.75	50/60	400V	XHX-180	180	225	50/60	400V
XHX-16	16	20	50/60	400V	XHX-200	200	250	50/60	400V
XHX-18	18	22.5	50/60	400V	XHX-240	240	300	50/60	400V
XHX-20	20	25	50/60	400V	XHX-260	260	325	50/60	400V
XHX-22	22	27.5	50/60	400V	XHX-280	280	350	50/60	400V
XHX-24	24	30	50/60	400V	XHX-304	304	380	50/60	400V
XHX-25	25	31.25	50/60	400V	XHX-320	320	400	50/60	400V
XHX-30	30	37.5	50/60	400V	XHX-400	400	500	50/60	400V
XHX-34	34	42.5	50/60	400V	XHX-450	450	563	50/60	400V
XHX-40	40	50	50/60	400V	XHX-500	500	625	50/60	400V
XHX-48	48	60	50/60	400V	XHX-550	550	687.5	50/60	400V
XHX-58	58	72.5	50/60	400V	XHX-600	600	700	50/60	400V
XHX-68	68	85	50/60	400V	XHX-640	640	800	50/60	400V
XHX-80	80	100	50/60	400V	XHX-728	728	910	50/60	400V
XHX-91.2	91.2	114	50/60	400V	XHX-800	800	1000	50/60	400V
XHX-100	100	125	50/60	400V	XHX-1000	1000	1250	50/60	400V

Special voltage also available  
Note: All the rating values are base on continuous duty, 0.8p.f. Max. Ambient temperture 40 degree, Max altitude 1000m

## SYNCHRONIZING SYSTEM: Parallel panel & Switch



## CONTROL SYSTEM&ATS

Automatic Transfer Switch (ATS) is used which operation voltage is no more than 660AC .and may tranfer the power between the Power generator and Mains Power The ATS Rated Current series is from 63A to 3200A , Be divide up two types with 3poles and 4 poles.



CHANGEOVER SWITCH MODEL	ELECTRIC CURRENT(A)
SKT1-63A/4P	63A
SKT1-100A/4P	100A
SKT2-125A/4P	125A
SKT2-160A/4P	160A
SKT2-200A/4P	200A
SKT2-250A/4P	250A
SKT2-320A/4P	320A
SKT2-400A/4P	400A
SKT2-630A/4P	630A
SKT2-800A/4P	800A
SKT2-1000A/4P	1000A
SKT2-1250A/4P	1250A
SKT2-1600A/4P	1600A
SKT2-2000A/4P	2000A
SKT2-2500A/4P	2500A

## DIGITAL CONTROL PANEL

Series generator controller integrating digital, intelligent and network techniques is used for automatic control system of diesel generator. It can carry out functions including automatic start/stop, data measure and alarming. The controller uses LCD display, optional Chinese and English display interface with operation easy and reliable.

Controller: Smartgen , Comap , Deepsea, Datakom , Harsen



DSE5220



DSE5520



DSE6020



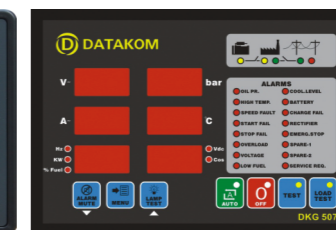
DSE7320



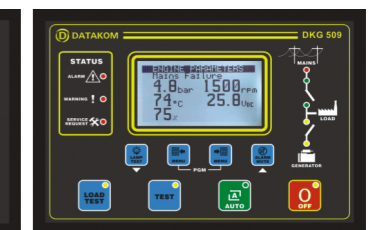
HGM6120



HGM7210



DKG 507



DKG 509



MRS10



MRS16



AMF20



GU641A

ATS Switch: Smartgen , ABB, SOCOMIC



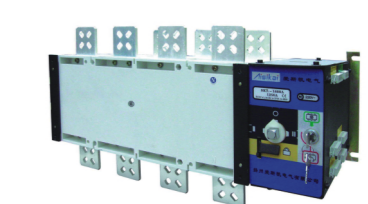
SQL63-125A



SQL250-630A



BEIJU 63-1250A



SKT-1600A