

# DIESEL GENERATORS

**Powersan**  
Systems Of Power



# МИССИЯ И ВИДЕНИЕ

**Powersan Makina Sanayi Tic. Şti., основана в 2007 году.** Наша компания осуществляет деятельность в области исследований и разработок (R&D), производства и продаж, интегрируя все процессы на современном уровне. Производственные мощности предприятия, занимающие площадь более 7000 м<sup>2</sup>, позволяют изготавливать и упаковывать электрические дизельные генераторные установки. В нашем продуктовом портфеле представлено более 100 различных моделей генераторов. Вся продукция соответствует международным стандартам качества, и многие из наших серийных изделий сертифицированы по стандарту CE. Система управления качеством сертифицирована по ISO 9001.

**Серии водо- и воздухоохлаждаемых дизельных электрогенераторных установок** являются основной группой нашей продукции. В производстве используются двигатели всемирно известных брендов Cummins, Volvo и Perkins, а также современные технологии снижения выбросов. Мы выпускаем генераторы мощностью от 5 кВт до 1200 кВт, а начиная с 2000 года — промышленные генераторные установки. Наши изделия находят широкое применение на фабриках, в больницах, отелях, телекоммуникационных компаниях, на шахтах и строительных объектах. Кроме того, мы реализуем инженерные проекты и решения под ключ с использованием новейших технологий. На наших генераторных установках применяются качественные альтернаторы брендов STC и SLG. Наши генераторы активно используются в сельском хозяйстве, для индивидуального применения, в животноводстве и во многих других областях. Мы экспортируем продукцию в страны Европы, Юго-Восточной Азии, Африки и Ближнего Востока, а также в дальние зарубежные регионы.

**Недавние достижения нашей компании:** Мы инвестируем в расширение кадрового потенциала, приобретаем цифровые и испытательные лабораторные установки, а также осуществляем стратегические инвестиции в создание нового технологического центра R&D для производства инновационных продуктов.

Наш центр исследований и разработок вводит в производство новые изделия только после многоэтапных испытаний. Наша компания считает своим принципом не только развитие научных и технологических инноваций, но и сохранение корпоративной культуры.



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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

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

### 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



## MOTEURS Baudouin Series Diesel Generator Sets

Power coverage from 20kva-4125kva

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

### 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				



## 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

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



## PERKINS Series Diesel Generator Sets

Power coverage from 11kva-2250kva

Engine : CUMMINS BRAND

Speed : 1500/1800rpm

Alternator : Stamford / LeroySommer / 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)		MODEL	KW	L/H	No.	mm / kg	mm / kg
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



**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



## 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



**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



**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



**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



# 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



# 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



# 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)**



**ЭЛЕКТРИЧЕСКИЕ ХАРАКТЕРИСТИКИ**

Регулировка напряжения может осуществляться для значений 110В, 220В, 400В, 480В и других. Частота составляет 50 Гц / 60 Гц. Применяется система безщеточного возбуждения. Класс изоляции: Н; Класс защиты: IP22~23; Коэффициент стабилизации напряжения в установившемся режиме:  $\leq \pm 1\%$ ; Изменение напряжения в переходном режиме: +20%, -15%; Коэффициент искажения формы волны линейного напряжения:  $\leq 5\%$ ; Диапазон регулирования напряжения:  $\geq \pm 10\% UN$ ; Температура окружающей среды:  $\leq +40^\circ C$ ; Высота над уровнем моря:  $\leq 1000$  м; Относительная влажность воздуха:  $\leq 90\%$ .

**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

## SYNCHRONIZING SYSTEM: Parallel panel & Switch



## СИСТЕМА УПРАВЛЕНИЯ И ATS

Автоматический переключатель ввода резерва (ATS) используется в установках с рабочим напряжением до 660 В переменного тока (АС) и обеспечивает передачу электроэнергии между генератором и электросетью. Номинальный ток серии ATS варьируется от 63 А до 3200 А, и устройство выпускается в двух типах — с 3 и 4 полюсами.

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



## ЦИФРОВАЯ ПАНЕЛЬ УПРАВЛЕНИЯ

Цифровое устройство управления генератором, используемое в автоматических системах управления дизельными генераторами, интегрирует интеллектуальные и сетевые технологии. Устройство способно выполнять функции автоматического запуска и остановки, измерения данных и подачи сигналов тревоги. Панель управления оснащена ЖК-дисплеем с вариантами языков — китайским и английским (по желанию пользователя), обеспечивая простое, удобное и надёжное управление.

Controller: Smartgen , Comap , Deepsea, Datakom , Harsen



DSE5220



DSE5520



DSE6020



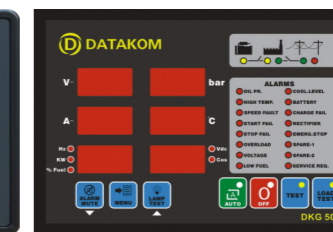
DSE7320



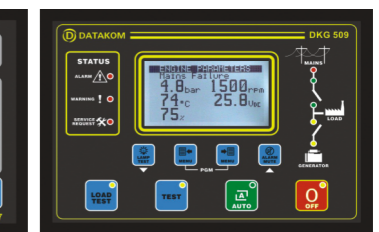
HGM6120



HGM7210



DKG 507



DKG 509



MRS10



MRS16

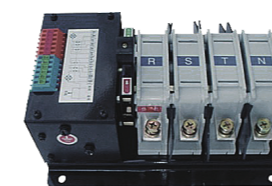


AMF20



GU641A

ATS Switch: Smartgen , ABB, SOCOMIC



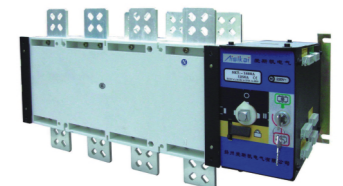
SQL63-125A



SQL250-630A



BEIJU 63-1250A



SKT-1600A