고객과 함께하는 에너지 파트너
Energy Partner for you

GENERATOR SET

주식회사 에쓰엔

- 주변기기의 성능향상을 통한 제품성능 개선 및 향상
- 부품 국산화 및 부품의 호환성이 높아 간편한 정비성
- 안전성 향상(동체 및 차단기 일체형으로 부하선 보호)

- Improvements for product functions through enhancement of-surrounding equipment.
- Simplification of maintenance through localization of production and high compatibility of parts.
- Enhancement of safety measures(combination of fuselage and circuit breaker provides protection of load line)

- 단순한 조작 및 경제적인 유지 및 보수비용
- 컴팩트한 구조로 설치 공간 축소
- 내진동 구조(운전반 및 주차단기함)

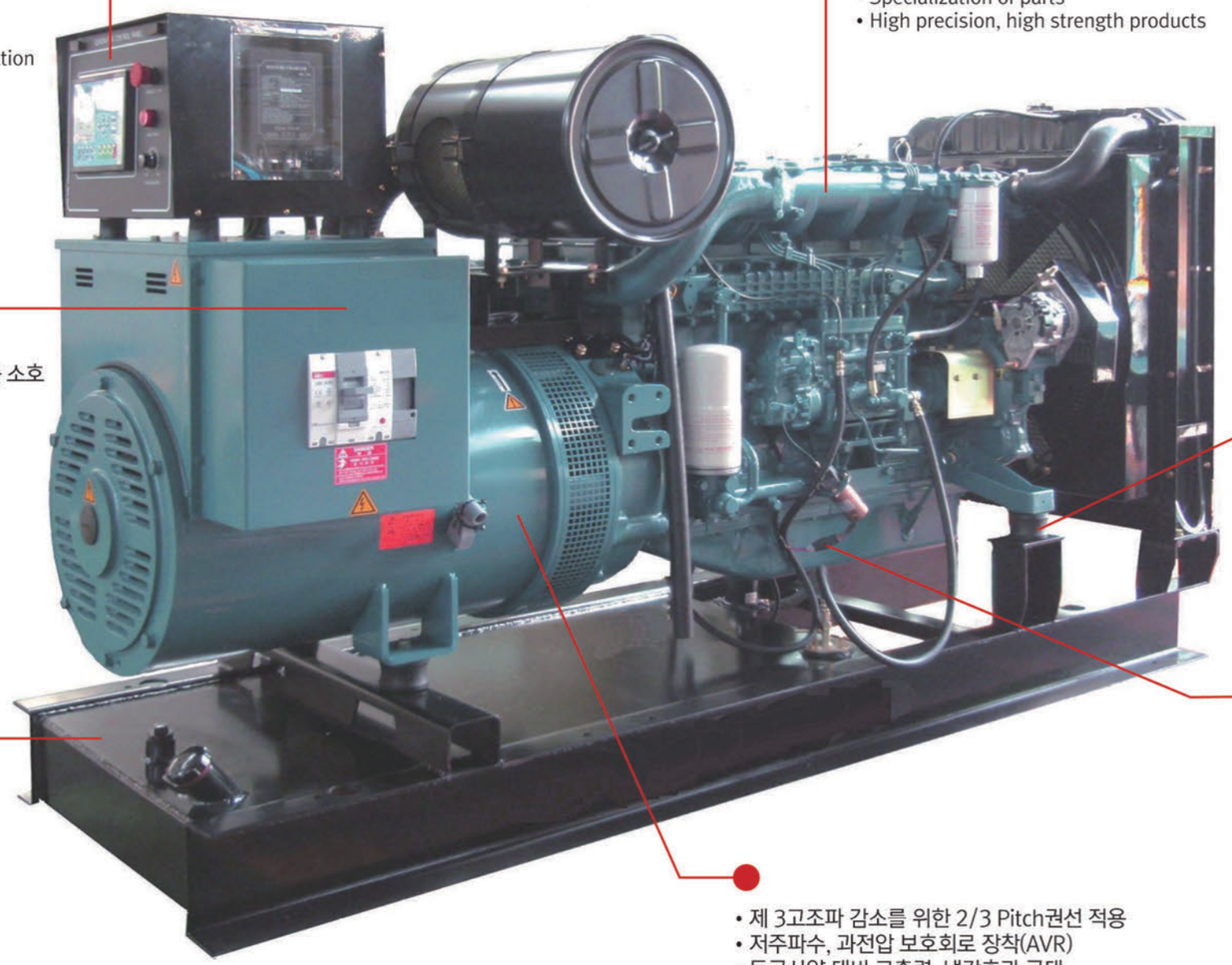
- Simplified control and economic maintenance and repair cost
- Reduction of installation space due to compact design
- Vibrant resistant (generator control box)

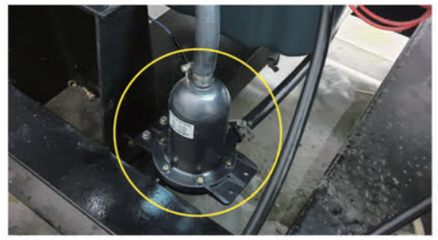
- 디지털 컨트럴러 적용
- 대용량 LCD를 이용하여 다양한 정보제공
- 운전중 발생할 수 있는 고장 발생에 대해 최적의 보호기능 내장
- Modbus프로토콜을 이용한 PC원격제어
- 내진동 구조

- Application of digital controller
- LCD offers various types of information
- Includes safety measures for possible malfunctions during operation
- Remote control via PC through modibus protocal
- Vibrant resistant

- 발전기 전용 엔진 적용
- 뛰어난 내구성
- 부품품질 전문화
- 고정밀, 고강도 제품

- Usage engines made for generators
- Highly durable
- Specialization of parts
- High precision, high strength products





[냉각수 히터 / Coolant heater]

- 겨울철 동파방지
- 온도에 따른 자동 동작/정지
- 저온시동성 강화
- 간편한 유지보수

- Prevents winter freezes
- Enhanced low temperature start ability
- Auto start/end according to temperature
- Easy maintenance

- 안전성 향상(주차단기함과 동체 일체형)
- 병렬로 배치된 소호 Grid를 통해 대전휴 차단시 접점간의 아크(Arc)를 소호
- R.S.T 상 중 어느 한상에 과전류 발생시 3상 동시 트립

- Enhanced safety measures(combination of main circuit breaker and the body)
- Arc extinguishers confine and extinguish the arc drawn between contacts each time the circuit breaker interrupts current flow

- 내진동 방진고무적용
- 엔진/동체 진동차단

- Application of vibrant resistant rubber vibration isolator
- Engine/Body vibarnt isolation

- 강도 및 응력해석을 통한 고강도 일체형 베드프레임 적용
- 연료탱크 내장형(2~8시간용 – OPTION)
- 방진스프링 취부용 홀 적용

- Embedded fuel tank (runs for 2~8 hours – option)
- Applicatin of possible add on of vibration isolation spring

- 외부 충격 및 이물질에 대한 보호
- 내열성 제품으로 전선보호

- Protection against external impact and foreign substance

- 제 3고조파 감소를 위한 2/3 Pitch권선 적용
- 저주파수, 과전압 보호회로 장착(AVR)
- 동급사양 대비 고출력, 냉각효과 극대

- Application of 2/3 pitch winding for reduction of 3rd harmonic wave
- Installation of protection circuit for low frequency and overvoltage (AVR)
- Maximise cooling affet and large output in comparison to products with same specifications

다양한 제품군으로 고객이 요구하시는 제품을 신속하게 제공합니다.
We provide fast service for products you need with our wide selection

Standard(Skid Type)

용도 : 비상전원 및 상용전원 공급용
사용지역 : 옥내용(아파트, 상가, 공장 등)

Purpose : emergency electric power and commercial electricity supply
Areas : indoor(apartments, buildings, factories)

Sound Proof Type

용도 : 상용전원 공급용
사용지역 : 옥외용(아파트, 상가, 공장, 양어장, 건설현장, 주유소 등)

Purpose : commercial electricity supply
Areas : outdoor(apartments, buildings, factories, construction sites, gas stations, fish farms)

★ 75dB(A)이하 (7m기준) 소음레벨로 소음규제 지역에 적용
★ Suitable for noise controlled areas with 75dB(7m)

Trailer Type

용도 : 비상전원 및 상용전원 공급용
사용지역 : 옥외용(행사장, 도로공사, 항만 등)

Purpose : emergency electric power and commercial electricity supply
Areas : outdoor
(events, road construction, ports)

★ 전원시설이 없는 지역으로 이동이 필요한 곳 적용
★ Suitable for locations without power supply

Bonnet Type

용도 : 상용전원 공급용
사용지역 : 옥외용(석산, 광산, 건설현장 등)

Purpose : commercial electricity supply
Areas : outdoor(minds, construction sites)

★ 소음규제가 필요없는 곳에 적용
★ Suitable for locations without noise pollution control

Gas Genset

용도 : 상용전원 공급용
사용지역 : 옥내용(아파트, 상가, 공장 등)

Purpose : commercial electricity supply
Areas : indoor(apartments, buildings, factories)

★ 배기가스 규제 및 소음규제가 있는 지역에 적용
★ Suitable for locations with exhaust control and noise control

PANEL 선택 사양 Control Panel

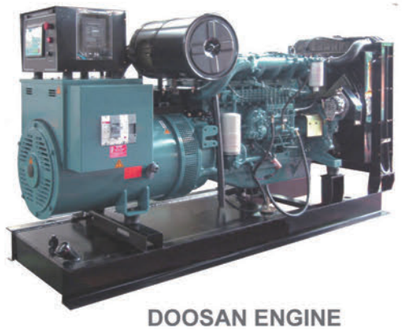
마이크로 프로세서[μ]를 장착한 발전기[GEN]용 디지털 제어기

Gen Control Panel(Mounted Type)

Gen Control Panel(Stand Type)

적용분야	단독운전용 , 탑재형 , 480Vac 이하	단독운전용, 탑재 / 별치형 , 고압적용
운전모드	수동운전 , 자동운전 , 원격운전 , 소방기동	
	시험운전 , 계전기 시험	
제어기능	시동실패 , 기동회수/시간 조정 , 비상정지, 예열 / 후열 시간 조정 , 주차단기 제어 , LED/LCD 점검, 정전 / 복전 감지시간 조정	
화면표시	주파수, 엔진속도, 3상 / 선간전압 , 3상전압, 전력, 적산전력, 역율, 운전시간 , 오일압력 , 냉각수 온도 , 배터리 전압, 입출력 정보, 알람내역	
LED 표시	고장, 수동운전 , 자동운전 , 운전중, 차단기 투입 / 차단	
보호회로	경고레벨 : 경고장, 중고장 구분 OCR, UVR, OVR, 과속도 , 과부하, 오일압력 , 시동실패 , 냉각수 과/저온, 주단차기 동작이상, 배터리 과/저전압, OCGR, 연료레벨 (옵션)	
통신 / 원격제어	PC 적용 , RS232 MOTOROLA	PC 및 중앙감시반, RS232, RS485 MODBUS, BAUDRATE, PARITY

PRODUCT LINE-UP : DOOSAN & BAUDOUIN E/G



DOOSAN ENGINE

BAUDOUIN ENGINE

Doosan Infracore Engine

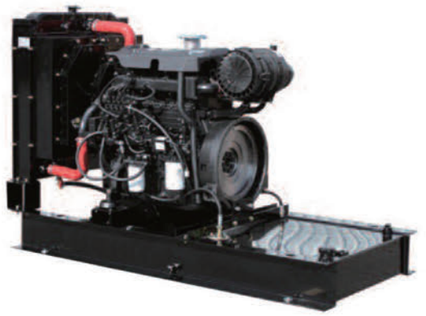
Model	Generator Set Power				Engine Model	Diesel Engine			Fuel Tank Capacity	Installation Data		
	1800rpm (kW,60Hz)		1500rpm (kW,50Hz)			Engine Power(PS)		Fuel Consumption		Dimension	Weight	PAD SIZE
	Stand-by	Prime	Stand-by	Prime		Stand-by (60/50)	Prime (60/50)	(60/50) L/Hr	SKID TYPE(L)	(LxWxH,mm)	(kg)	(LxWxH,mm)
SJ90D	90	80	75	68	D1146	143/116	130/105	24.7 / 20.6	165	2500 x 900 x 1700	1340	3000 x 1500 x 250
SJ130D	130	115	100	91	D1146T	202/160	170/145	32.5 /25.9	165	2500 x 900 x 1800	1510	3000 x 1500 x 250
SJ170D	170	155	140	127	P086TI-1	260/223	237/203	42.4 / 35.4	200	2800 x 1000 x 1900	1720	3300 x 1600 x 300
SJ175D	175	160	150	135	DE12T	270/226	245/205	45.8 / 38.2	220	2800 x 1000 x 1700	1870	3300 x 1600 x 300
SJ200D	200	180	180	160	P086TI	303/270	279/240	50.6 / 43.1	200	2800 x 1000 x 1900	1770	3200 x 1600 x 300
SJ230D	230	209	207	188	DP086LA	344/305	310/273	56.0 / 48.7	200	2650 x 1000 x 1900	1890	3200 x 1600 x 300
SJ250D	250	225	225	205	P126TI-3	375/343	343/304	63.3 / 52.3	220	3000 x 1120 x 1900	2030	3600 x 1800 x 300
SJ275D	275	250	242	220	P126TI	405/370	378/328	70.3 / 58.1	220	3000 x 1120 x 1900	2180	3600 x 1800 x 300
SJ300D	300	275	260	235	P126TI-2	465/400	418/360	73.8 / 63.1	220	3000 x 1120 x 1900	2220	3600 x 1800 x 300
SJ330D	330	300	280	260	DP126LA	510/437	470/399	80.5 / 68.1	230	3000 x 1400 x 1900	2470	3600 x 2000 x 300
SJ360D	360	320	320	290	DP126LB	547/492	498/445	85.8 /76.0	230	3000 x 1400 x 1900	2470	3600 x 2000 x 300
SJ400D	400	360	380	330	P158LE	623/563	547/494	102.5 / 89.3	310	3000 x 1400 x 2000	2740	3600 x 2000 x 300
SJ460D	460	415	405	360	DP158LC	697/610	634/555	111.5/99.6	310	3000 x 1400 x 2000	2990	3600 x 2000 x 300
SJ500D	500	450	460	420	DP158LD	756/693	687/630	127.1/115.1	310	3000 x 1400 x 2000	3020	3600 x 2000 x 350
SJ560D	560	508	509	460	DP180LA	836/750	760/682	140.5/123.6	380	3200 x 1400 x 2050	3340	3800 x 2000 x 350
SJ610D	610	550	560	510	DP180LB	899/832	817/756	150.7/136.4	380	3280 x 1400 x 2050	3670	3900 x 2000 x 350
SJ660D	660	600	-	-	DP222LA	1002	911	161.7	400	3440 x 1400 x 2350	3870	4100 x 2000 x 350
SJ700D	700	640	600	550	DP222LB	1063/903	967/821	172.7/147.1	400	3670 x 1400 x 2350	4150	4300 x 2000 x 350
SJ750D	750	680	660	600	DP222LC	1126/983	1023/894	183.2/161	400	3670 x 1400 x 2350	4150	4300 x 2000 x 350

Baudouin Engine

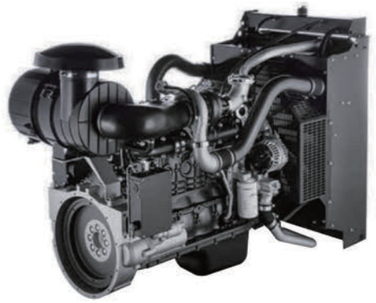
Model	Generator Set Power				Diesel Engine				Installation Data		
	1800rpm (kW,60Hz)		1500rpm (kW,50Hz)		Engine Model	Engine Power(kW)		Fuel Consumption	Dimension	Weight	PAD SIZE
	Stand-by (kW/kVA)	Prime (kW/kVA)	Stand-by (kW/kVA)	Prime (kW/kVA)		Stand-by (60/50)	Prime (60/50)	(60/50) L/Hr	(LxWxH,mm)	(kg)	(LxWxH,mm)
SJ800BD	800/1000	720/900	720/900	640/800	12M26D902	902/792	820/720	203.3/168.9	4470 x 1670 x 2140	6610	5100 x 2300 x 400
SJ900BD	900/1125	800/1000	800/1000	720/900	12M26D1012	1012/902	920/820	231.3/192.1	4470 x 1670 x 2140	6690	5100 x 2300 x 400
SJ1000BD	1000/1250	900/1125	880/1100	800/1000	12M26D1115	1115/968	1014/880	255.3/208.0	4470 x 1670 x 2140	6840	5100 x 2300 x 400
SJ1200BD	1200/1500	1100/1375	1050/1312	950/1187	12M33D1320	1320/1150	1200/1040	283.9/231.1	4900 x 1990 x 2280	8220	5500 x 2600 x 400
SJ1300BD	1300/1625	1170/1462	1100/1375	1000/1250	12M33D1420	1420/1210	1290/1100	321.7/258.6	4900 x 1990 x 2280	8220	5500 x 2600 x 400
SJ1500BD	1500/1875	1350/1688	1250/1563	1100/1375	16M33D1680	1680/1400	1530/1280	359.4/300.5	5100 x 2256 x 2590	11000	5700 x 2900 x 450
SJ1600BD	1600/2000	1475/1844	1500/1875	1350/1687	16M33D1785	1785/1650	1625/1500	383.0/345.2	5230 x 2256 x 2938	11600	5800 x 2900 x 450
SJ1760BD	1760/2200	1600/2000	1650/2063	1500/1875	16M33D1920	1920/1800	1745/1635	433.1/400.1	5230 x 2256 x 2938	12000	5900 x 2900 x 450
SJ2000BD	2000/2500	1800/2250	1800/2250	1650/2063	12M55D2230	2230/2020	2050/1850	466.1/431.5	5230 x 2256 x 3615	16000	5900 x 2900 x 500
SJ2250BD	2250/2813	2050/2562	2000/2500	1800/2250	12M55D2420	2420/2210	2200/1985	496.3/460.8	5230 x 2256 x 3615	16500	5900 x 2900 x 500
SJ2500BD	2500/3125	2250/2813	2250/2813	2050/2562	12M55D2700	2700/2450	2450/2200	567.4/526.3	5230 x 2256 x 3615	17000	5900 x 2900 x 500

1. 연료소모율은 상용 100% 출력 기준임
1. Fuel consumption : Prime power 100%

PRODUCT LINE-UP : WEICHAI & FIAT E/G



WEICHAI ENGINE



FIAT ENGINE

Weichai Engine

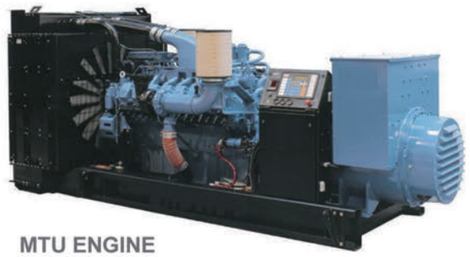
Model	Generator Set Power				Diesel Engine			Fuel Tank Capacity	Installation Data		
	1800rpm (kW,60Hz)		1500rpm (kW,50Hz)		Engine Model	Engine Power(kW)	Fuel Consumption		Dimension	Weight	PAD SIZE
	Stand-by	Prime	Stand-by	Prime		Stand-by (60/50)	Prime (60/50)	L/Hr	SKID TYPE(L)	(LxWxH,mm)	(kg)	(LxW,mm)
SJ20W	20	18	16	14	WP2.3D25E201	25/21	22/18	5.6	60	1560 x 714 x 1068	510	2200 x 1400 x 150
SJ26W	26	23	21	19	WP2.3D32E201	32/26	29/24	7.3	60	1560 x 714 x 1064	790	2200 x 1400 x 150
SJ37W	37	33	30	27	WP2.3D47E201	47/39	43/36	11.3	60	1560 x 714 x 1064	830	2200 x 1400 x 150
SJ50W	50	45	41	37	WP4.1D54E201	60/50	54/45	12.5	100	1900 x 864 x 1219	880	2500 x 1500 x 200
SJ60W	60	55	50	45	WP4.1D70E201	70/58	64/53	15.0	100	1900 x 864 x 1219	980	2500 x 1500 x 200
SJ70W	70	63	58	52	WP4.1D80E201	80/66	72/60	18.1	100	1900 x 864 x 1219	1080	2500 x 1500 x 200

Fiat Engine

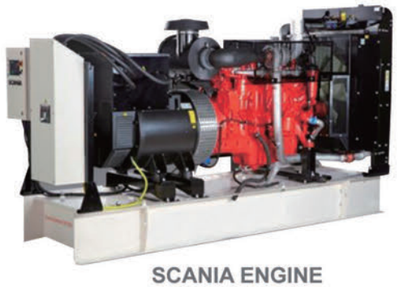
Model	Generator Set Power				Diesel Engine			Fuel Consumption	Installation Data		
	1800rpm (kW,60Hz)		1500rpm (kW,50Hz)		Engine Model	Engine Power(kW)			Dimension	Weight	PAD SIZE
	Stand-by	Prime	Stand-by	Prime		Stand-by (60/50)	Prime (60/50)	L/Hr	(LxWxH,mm)	(kg)	(LxW,mm)
SJ27F	27	25	25	23	80313AM1P S550	34/31	31/28	9.1	1500 x 635 x 1262	750	2100 x 1300 x 150
SJ45F	45	40	40	36	NEF45SM1X A010	57/-	53/-	16.5	1900 x 730 x 1320	875	2500 x 1400 x 150
SJ50F	50	45	42	40	NEF45SM1A S500	65/59	59/53.5	16.9	1900 x 730 x 1320	925	2500 x 1400 x 200
SJ75F	75	68	63	57	NEF45SM3 S500	87/81	79/73	24.0	1900 x 730 x 1320	1000	2500 x 1400 x 200
SJ85F	85	77	71	65	NEF45TM1A S500	95/85	86/77	25.7	2100 x 790 x 1476	1100	2700 x 1400 x 200
SJ95F	95	86	80	73	NEF45TM2A S500	107/96	97/87	29.0	2100 x 790 x 1476	1200	2700 x 1400 x 200
SJ110F	110	100	92	83	NEF45TM3 S500	122/118	111/107	32.4	2100 x 790 x 1476	1500	2700 x 1400 x 250
SJ125F	125	113	104	100	NEF67TM2A S500	140/125	127/114	38.1	2300 x 790 x 1500	1500	2900 x 1400 x 250
SJ145F	145	131	121	110	NEF67TM3A S500	165/152	150/138	44.2	2300 x 790 x 1500	1800	2900 x 1400 x 250
SJ175F	175	160	146	133	NEF67TM4 S500	187/165	170/150	47.0	2600 x 790 x 1536	1900	3100 x 1400 x 250
SJ180F	180	163	150	136	NEF67TM7 S500	195/195	177/177	48.9	2600 x 790 x 1536	1900	3100 x 1400 x 250
SJ200F	200	181	167	152	NEF67TE2A S550	215/193	195/175	53.6	2600 x 790 x 1536	1900	3100 x 1400 x 250
SJ250F	250	227	210	191	CURSOR87TE3 S550	271/249	249/229	65.6	3000 x 1094 x 1698	2400	3600 x 1700 x 300
SJ260F	260	236	217	200	CURSOR87TE1D S551	280/256	253/232	72.3	3000 x 1094 x 1698	2400	3600 x 1700 x 300
SJ290F	290	263	242	220	CURSOR10TE1D S550	317/290	287/264	83.7	3000 x 1094 x 1727	2600	3600 x 1700 x 300
SJ300F	300	272	250	227	CURSOR87TE4 S550	333/299	306/275	83.5	3000 x 1094 x 1698	2500	3600 x 1700 x 300
SJ330F	330	300	275	250	CURSOR13TE2A S551	360/330	327/300	91.0	3200 x 1094 x 1748	2900	3800 x 1700 x 300
SJ360F	360	327	300	273	CURSOR13TE3A S551	398/387	360/352	108.7	3200 x 1094 x 1748	3000	3800 x 1700 x 300
SJ400F	400	364	333	303	CR13TE6W S550	454/414	400/371	112.0	3200 x 1094 x 1748	3000	3800 x 1700 x 300
SJ440F	440	400	367	333	CR13TE7W S550	474/459	428/415	123.3	3200 x 1094 x 1748	3100	3800 x 1700 x 300
SJ530F	530	482	442	402	CR16TE1W S550	578/557	523/505	143.0	3400 x 1094 x 1821	3400	4000 x 1700 x 350

1. 연료소모율은 상용 100% 출력 기준임
1. Fuel consumption : Prime power 100%

PRODUCT LINE-UP : MTU & SCANIA E/G



MTU ENGINE



SCANIA ENGINE

Mtu Engine

Model	Generator Set Power				Diesel Engine				Installation Data		
	1800rpm (kW,60Hz)		1500rpm (kW,50Hz)		Engine Model	Engine Power(HP)		Fuel Consumption	Dimension	Weight	PAD SIZE
	Stand-by	Prime	Stand-by	Prime		Stand-by (60/50)	Prime (60/50)	L/Hr	(LxWxH,mm)	(kg)	(LxW,mm)
SJ275M	275	250	240	220	6R1600G70S/70F	418/367	381/334	71/57	3658 x 1423 x 1860	3111	4300 x 2100
SJ300M	300	275	270	245	6R1600G80S/80F	460/404	418/367	75/61	3658 x 1423 x 1860	3111	4300 x 2100
SJ350M	350	325	320	291	8V1600G70S/70F	547/480	498/436	91/74	3210 x 1875 x 1974	4018	3900 x 2500
SJ400M	400	365	350	320	8V1600G80S/80F	601/528	547/480	97/80	3210 x 1875 x 1974	4018	3900 x 2500
SJ450M	450	400	390	360	10V1600G70S/70F	685/601	624/546	103/91	3383 x 1875 x 1946	4105	4000 x 2500
SJ500M	500	450	430	400	10V1600G80S/80F	752/661	685/601	114/100	3383 x 1875 x 1946	4105	4000 x 2500
SJ550M	550	500	520	473	12V1600G70S/70F	822/772	752/703	130/117	3713 x 1875 x 2047	4608	4400 x 2500
SJ600M	600	550	570	520	12V1600G80S/80F	896/850	815/772	139/130	3713 x 1875 x 2047	4608	4400 x 2500
SJ700M	700	636	570	520	12V2000G45/25	1046/852	952/778	176/136	4520 x 1692 x 2221	5802	5200 x 2300
SJ800M	800	727	670	610	12V2000G85/65	1194/1026	1086/932	198/162	4520 x 1702 x 2221	6111	5200 x 2300
SJ900M	900	820	800	727	16V2000G45/25	1354/1194	1227/1086	220/188	4865 x 1783 x 2375	6980	5500 x 2400
SJ1000M	1000	910	870	800	16V2000G85/65	1495/1307	1354/1194	242/210	4865 x 1783 x 2375	7330	5500 x 2400
SJ1200M	1200	1100	980	890	18V2000G85/65	1757/1475	1597/1341	286/235	5036 x 2140 x 2495	7960	5700 x 2800
SJ1250M	1250	1100	1120	1000	18V2000G76S/76F	1839/1656	1597/1478	329/286	5036 x 2140 x 2495	7960	5700 x 2800
SJ1500M	1500	1420	1450	1310	12V4000G74S/74F	2328/2112	2038/1904	346/317	6466 x 2152 x 2450	11337	7100 x 2800
SJ1750M	1750	1600	1600	1430	12V4000G84S/84F	2561/2347	2328/2112	408/354	6466 x 2152 x 2450	11337	7100 x 2800
SJ2000M	2000	1880	1800	1650	16V4000G74S/74F	3058/2635	2709/2411	473/393	7341 x 2377 x 3282	15183	8000 x 3000
SJ2300M	2300	2100	2000	1820	16V4000G84S/84F	3353/2930	3058/2635	534/436	7341 x 2377 x 3282	15433	8000 x 3000
SJ2500M	2500	2100	-	-	16V4000G94S	3674	3058	600	7341 x 2377 x 3324	15433	8000 x 3000
	2500	2300	2250	2030	20V4000G64S/64F	3674/3245	3339/2950	570/496	8149 x 2377 x 3285	16182	8800 x 3000
SJ2750M	2750	2500	2500	2220	20V4000G74S/74F	4036/3581	3674/3245	623/540	8149 x 2377 x 3285	16182	8800 x 3000
SJ3250M	3250	2800	2650	2420	20V4000G94S/84F	4680/3822	4036/3473	707/585	8149 x 2377 x 3285	20673	8800 x 3000

Scania Engine

Model	Generator Set Power				Diesel Engine			Fuel Tank Capacity	Installation Data		
	1800rpm (kW,60Hz)		1500rpm (kW,50Hz)		Engine Model	Engine Power(kW)		Fuel Consumption	Dimension	Weight	PAD SIZE
	Stand-by	Prime	Stand-by	Prime		Stand-by (60/50)	Prime (60/50)	L/Hr	SKID TYPE(L)	(LxWxH,mm)	(kg)	(LxW,mm)
SJ250S	250	227	225	203	DC09 072A(02-11)	280/249	254/226	58.9	200	2900 x 1014 x 1558	2805	3500 x 1600
SJ275S	275	250	247	223	DC09 072A(02-12)	308/273	280/248	65.6	200	2900 x 1014 x 1558	2805	3500 x 1600
SJ300S	300	273	266	241	DC09 072A(02-13)	338/294	307/267	72.6	200	2900 x 1014 x 1558	2851	3500 x 1600
SJ330S	330	300	285	259	DC09 072A(02-14)	370/317	336/289	80.6	200	2900 x 1014 x 1558	2873	3500 x 1600
SJ360S	360	327	320	291	DC13 072A(02-11)	408/356	371/326	82.1	300	3100 x 1128 x 1795	3181	3700 x 1700
SJ400S	400	364	365	332	DC13 072A(02-12)	448/403	407/365	91.5	300	3100 x 1128 x 1795	3231	3700 x 1700
SJ450S	450	409	400	364	DC13 072A(02-13)	503/438	457/403	104.8	300	3100 x 1128 x 1795	3431	3700 x 1700
SJ500S	500	455	490	446	DC16 49A(10-28C)	550/531	500/483	118.2	330	3100 x 1316 x 1920	3503	3700 x 1900
SJ560S	560	509	490	446	DC16 49A(10-28D)	617/531	561/483	134.0	330	3100 x 1316 x 1920	3803	3700 x 1900
SJ610S	610	555	530	482	DC16 072A(02-11)	678/587	619/536	144.9	330	3100 x 1316 x 1920	4653	3700 x 1900
SJ650S	650	591	565	514	DC16 072A(02-12)	731/634	664/578	155.5	330	3100 x 1316 x 1920	4703	3700 x 1900
SJ700S	700	636	610	555	DC16 072A(02-13)	754/680	685/621	160.4	330	3100 x 1316 x 1920	4703	3700 x 1900
SJ750S	750	682	650	590	DC16 072A(02-14)	816/680	739/621	173.0	330	3100 x 1316 x 1920	4853	3700 x 1900

1. 연료소모율은 상용 100% 출력 기준임　1. Fuel consumption : Prime power 100%

PRODUCT LINE-UP : CUMMINS & PERKINS E/G

CUMMINS ENGINE

PERKINS ENGINE

Cummins Engine

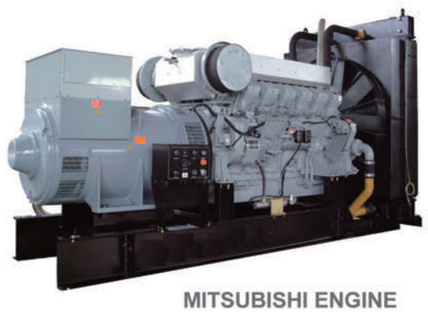
Model	Generator Set Power				Diesel Engine				Installation Data		
	1800rpm (kW,60Hz)		1500rpm (kW,50Hz)		Engine Model	Engine Power(HP)		Fuel Consumption	Dimension	Weight	PAD SIZE
	Stand-by	Prime	Stand-by	Prime		Stand-by (60/50)	Prime (60/50)	L/Hr	(LxWxH,mm)	(kg)	(LxW,mm)
SJ175C	175	160	140	126	QSB7-G5	324/285	279/244	50/45	2656 x 1100 x 1658	1670	3300 x 1700
SJ200C	200	180	160	146	QSB7-G5	324/285	279/244	50/45	2656 x 1100 x 1658	1670	3300 x 1700
SJ250C	250	225	220	200	QSL9-G5	476/415	412/359	75/63	3135 x 1100 x 2078	2570	3800 x 1700
SJ275C	275	250	240	220	QSL9-G5	476/415	412/359	75/63	3549 x 1100 x 2078	2570	4200 x 1700
SJ300C	300	275	264	240	QSL9-G5	476/415	412/359	75/63	3549 x 1100 x 2078	2570	4200 x 1700
SJ350C	350	320	-	-	NTA855G3	535	480	87	3549 x 1100 x 2078	3563	4200 x 1700
SJ400C	400	365	-	-	NTA855G5	605	-	110	3549 x 1100 x 2115	3683	4200 x 1700
SJ450C	450	409	360	327	QSX15G9/G8	755/680	670/605	117.8/105	3433 x 1500 x 2066	4121	4100 x 2100
SJ500C	500	455	400	364	QSX15G9/G8	755/680	670/605	117.8/105	3433 x 1500 x 2066	4271	4100 x 2100
SJ600C	600	545	565	512	VTA28-G5	900/820	815	154	4047 x 1608 x 1942	5760	4700 x 2300
SJ750C	750	680	660	600	QSK23-G3	1200/1030	1085/940	189/161	4266 x 1879 x 2052	6528	4900 x 2500
SJ800C	800	725	720	656	QSK23-G3	1200/1030	1085/940	189/161	4266 x 1879 x 2052	6528	4900 x 2500
SJ900C	925	835	833	751	QST30-G3	1350/1200	1220/1080	207/184	4297 x 1685 x 2079	7374	4900 x 2300
SJ1000C	1000	920	900	820	KTA38G4/G5	1490/1300	1350/1180	245/209	4470 x 1785 x 2229	8350	5100 x 2400
SJ1250C	1250	1100	1100	1000	KTA50G3	1850/1645	1742/1541	310/274	5100 x 2000 x 2238	10075	5700 x 2600
SJ1500C	1500	1286	1340	1120	KTA50G9/G8	2220/1915	1855/1608	330/289	5690 x 2033 x 2330	10326	6300 x 2700
SJ2000C	2000	1825	1650	1500	QSK60G6/G3	2922/2399	2647/2165	466/360	6175 x 2286 x 2537	15000	6800 x 2900
SJ2250C	2250	-	-	-	QSK60-G9	3251	-	569	6175 x 2494 x 3116	17217	6800 x 3100
SJ2500C	2500	2336	-	-	QSK78-G6	3778	3371	592	6965 x 2750 x 3360	23000	7600 x 3400
SJ2750C	2750	2500	-	-	QSK78-G8	4060	3670	634	6965 x 2946 x 3371	23000	7600 x 3600
SJ3500C	3500	3000	-	-	QSK95-G2	5051	4309	753	7889 x 3028 x 3810	30700	8500 x 3700

Perkins Engine

Model	Generator Set Power				Diesel Engine				Installation Data		
	1800rpm (kW,60Hz)		1500rpm (kW,50Hz)		Engine Model	Engine Power(HP)		Fuel Consumption	Dimension	Weight	PAD SIZE
	Stand-by	Prime	Stand-by	Prime		Stand-by (60/50)	Prime (60/50)	L/Hr	(LxWxH,mm)	(kg)	(LxW,mm)
SJ750P	750/938	675/844	720/900	640/800	4006-23TAG3A	1125/1054	1017/945	200/172	3900 x 1800 x 2300	5170	4500 x 2400
SJ878P	878/1097	796/995	802/1002	720/900	4008TAG2/4008TAG2A	1314/1290	1199/1206	213/226	4500 x 1800 x 2354	6700	5100 x 2400
SJ1108P	1108/1385	1002/1253	1108/1385	1002/1253	4012-46TWG2A	1641/1641	1492/1492	266/259	4500 x 1800 x 2354	8340	5100 x 2400
SJ1200P	1200/1500	1091/1364	1200/1500	1008/1350	4012-46TWG3A	1772/1772	1618/1618	291/283	4700 x 1800 x 2425	8940	5300 x 2400
SJ1280P	1280/1600	1200/1500	1280/1600	1200/1500	4012-46TWG4A	1931/1931	1762/1762	323/316	4700 x 2000 x 2382	9030	5300 x 2600
SJ1329P	1329/1669	1208/1510	1325/1656	1204/1505	4012-46TAG2A	1957/1957	1786/1785	319/301	4900 x 1800 x 2390	9670	5500 x 2400
SJ1504P	1504/1880	1368/1710	1500/1875	1368/1710	4012-46TAG3A	2203/2203	2012/2012	361/370	5000 x 2200 x 2459	10290	5600 x 2800
SJ1600P	-	-	1600/2000	1480/1850	4016-TAG1A	2334	2130	300	5200 x 2200 x 2600	14100	5800 x 2600
SJ1800P	-	-	1800/2250	1600/2000	4016-TAG2A	2596	2367	305	5800 x 2800 x 3500	14500	6400 x 3400
SJ2000P	-	-	2000/2500	1800/2250	4016-61TRG3	2925	2647	473	-	-	-

1. 연료소모율은 상용 100% 출력 기준임
1. Fuel consumption : Prime power 100%

PRODUCT LINE-UP : MITSUBISHI & CATERPILLAR E/G



MITSUBISHI ENGINE

CATERPILLAR ENGINE

Mitsubishi Engine

Model	Generator Set Power				Diesel Engine				Installation Data		
	1800rpm (kW,60Hz)		1500rpm (kW,50Hz)		Engine Model	Engine Power(kW)		Fuel Consumption	Dimension	Weight	PAD SIZE
	Stand-by	Prime	Stand-by	Prime		Stand-by (60/50)	Prime (60/50)	L/Hr	(LxWxH,mm)	(kg)	(LxW,mm)
SJ600MB	600	545	520	470	S6R-PTA	635/555	575/500	153	3700x1410x1845	5245	4300x2100
SJ800MB	800	727	680	618	S12A2-PTA	820/724	731/657	190	4210x1600x2050	6800	4800x2200
SJ880MB	880	800	770	700	S12A2-PTA2	920/818	834/742	230	4210x1660x2150	6900	4800x2300
SJ1000MB	1000	909	924	840	S12H-PTA	1120/1020	990/930	241	4300x1660x2330	7100	4900x2300
SJ1200MB	1200	1090	1120	1020	S12R-PTA	1320/1220	1190/1110	280	4460x1820x2610	7300	5000x2500
SJ1320MB	1320	1200	1200	1100	S12R-PTA2	1470/1315	1340/1195	325	4750x1850x2780	9920	5300x2500
SJ1500MB	1500	1364	1300	1200	S12R-PTAA2	1633/1441	1484/1314	350	5020x1900x3000	11000	5600x2500
SJ1600MB	1600	1455	1500	1380	S16R-PTA	1750/1620	1590/1480	386	5310x1850x2830	12600	5900x2500
SJ1800MB	1800	1636	1670	1520	S16R-PTA2	1950/1790	1775/1630	435	5400x2600x3200	14500	6000x3200
SJ2000MB	2000	1818	1760	1600	S16R-PTAA2	2149/1939	1939/1728	469	6000x2400x3460	15900	6600x3000

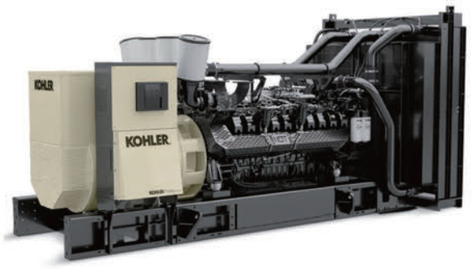
Caterpillar Engine

Model	Generator Set Power				Diesel Engine					Installation Data		
	1800rpm (kW,60Hz)		1500rpm (kW,50Hz)		Engine Model	1800rpm (kW,60Hz)		1500rpm (kW,50Hz)		Fuel Consumption	Dimension	Weight	PAD SIZE
	Stand-by	Prime	Stand-by	Prime		Stand-by	Prime	Stand-by	Prime	L/Hr	(LxWxH,mm)	(kg)	(LxW,mm)
SJ230T	230	210	-	-	3306TA	343	314	-	-	68.0	3800 x 1100 x 1905	3500	4400 x 1700
SJ250T	250	225	-	-	3306ATAAC	377	343	-	-	73.0	3800 x 1100 x 1905	3500	4400 x 1700
SJ300T	300	275	240	220	3406TA	449	405	359	330	87.0	4185 x 1100 x 2150	4000	4800 x 1800
SJ350T	350	320	280	256	3406TA	519	475	414	380	101.0	4185 x 1100 x 2150	4000	4800 x 1800
SJ400T	400	365	320	292	3406TA	587	536	473	433	111.0	4185 x 1100 x 2150	4000	4800 x 1800
SJ450T	450	410	360	328	3456ATAAC	685	623	547	488	119.0	4185 x 1100 x 2165	4500	4800 x 1800
SJ500T	500	455	400	364	3456ATAAC	764	691	606	550	137.0	4185 x 1100 x 2165	4500	4800 x 1800
SJ550T	550	500	440	400	C18ATAAC	839	766	665	606	147.0	4240 x 1540 x 2170	5000	4900 x 2200
SJ600T	600	545	520	480	C18ATAAC	900	831	775	707	163.0	4240 x 1540 x 2170	5000	4900 x 2200
SJ650T	650	594	560	508	3412TTA	968	890	831	758	175.0	4485 x 1750 x 1990	6500	5100 x 2400
SJ700T	700	635	600	544	3412TTA	1039	947	878	799	188.0	4485 x 1750 x 1990	7000	5100 x 2400
SJ750T	750	680	640	580	3412STA	1109	1011	935	849	206.0	4485 x 1750 x 1990	7500	5100 x 2400
SJ800T	800	725	720	648	3412STA	1180	1071	1051	949	222.0	4770 x 2025 x 2225	7500	5400 x 2700
SJ900T	900	820	800	728	C32ATAAC	1357	1220	1215	1078	237.0	4770 x 2025 x 2225	8500	5400 x 2700
SJ1000T	1000	910	880	800	C32ATAAC	1502	1341	1329	1180	272.0	5175 x 2095 x 2370	8500	5800 x 2700
SJ1100T	1100	1000	1000	920	3512TA	1603	1455	144	1328	305.0	5175 x 2095 x 2370	12500	5800 x 2700
SJ1250T	1250	1135	1120	1020	3512TA	1818	1662	1605	1462	354.0	5130 x 2290 x 2335	12500	5800 x 2900
SJ1400T	1400	1275	1200	1088	3512BTA	2032	1844	1757	1603	385.0	5130 x 2290 x 2335	13500	5800 x 2900
SJ1500T	1500	1360	1280	1200	3512BTA	2172	1971	1871	1757	411.0	5130 x 2290 x 2335	13500	5800 x 2900
SJ1750T	1750	1600	1600	1460	3516TA	2520	2304	2293	2095	470.0	6090 x 2290 x 3050	15500	6700 x 2900
SJ2000T	2000	1825	1800	1600	3516BTA	2876	2628	2595	2293	518.0	6445 x 2590 x 3050	16500	7100 x 3200
SJ2250T	2250	2000	2000	1820	3516BTA	3286	2876	2876	2622	594.0	6870 x 2590 x 3025	17500	7500 x 3200
SJ2500T	2500	-	-	-	3516CATAAC	3634	-	-	-	656.0	7075 x 2450 x 2920	18500	7700 x 3100
SJ3000T	3000	2725	-	-	C175-16	4423	4034	-	-	806.0	7802 x 2890 x 3410	23000	8400 x 3500
SJ4000T	4000	3600	-	-	C175-20	5647	5136	-	-	1039.0	6653 x 2337 x 2556	23500	7330 x 3000

1. 연료소모율은 상용 100% 출력 기준임 1. Fuel consumption : Prime power 100%

PRODUCT LINE-UP : MAN E/G & KOHLER E/G

MAN ENGINE



KOHLER ENGINE

Man Engine

Model	Generator Set Power				Diesel Engine				Installation Data		
	1800rpm (kW,60Hz)		1500rpm (kW,50Hz)		Engine Model	Engine Power(kW)		Fuel Consumption	Dimension	Weight	PAD SIZE
	Stand-by	Prime	Stand-by	Prime		Stand-by (60/50)	Prime (60/50)	L/Hr	(LxWxH,mm)	(kg)	(LxW,mm)
SJ360MAN	360	320	328	248	D2866LE203/201	400/360	354/280	87/79	3100 x 1250 x 1950	2800	4000 x 2000
SJ455MAN	456	400	408	320	D2876LE203/201	507/451	446/355	114/99	3200 x 1180 x 1950	3000	4000 x 2000
SJ480MAN	480	448	448	360	D2848LE213/211	539/495	506/405	122/113	3000 x 1420 x 1900	3200	4000 x 2000
SJ525MAN	528	512	504	416	D2840LE203/201	585/454	567/451	134/120	3200 x 1420 x 1900	4200	4000 x 2000
SJ595MAN	600	560	560	456	D2840LE213/211	660/610	622/495	139/129	3400 x 1420 x 1900	4300	4000 x 2000
SJ650MAN	656	624	584	504	D2842LE203/201	718/633	682/543	159/145	3460 x 1620 x 2080	5200	4000 x 2300
SJ730MAN	736	696	648	544	D2842LE213/211	800/702	765/590	169/148	3460 x 1620 x 2080	5200	4000 x 2300
SJ1000MAN	1000	792	800	640	D2862LE223/221	1117/880	880/700	223/178	4440 x 1750 x 2430	7430	5000 x 2300

Kohler Engine

Model	Generator Set Power				Diesel Engine			Installation Data		
	1800rpm (kW,60Hz)		1500rpm (kW,50Hz)		Engine Model (60Hz/50Hz)	Engine Power (max. kW)	Fuel Consumption (L/Hr)	Dimension	Weight(kg)	PAD SIZE
	Stand-by	Prime	Stand-by	Prime		Stand-by (60/50)	60Hz/50Hz	(LxWxH,mm)	60Hz/50Hz	(LxW,mm)
SJ800K	800	727	640	582	KD27V12-6AFS/5AFS	891/709	205.45/160.07	4181 x 1924 x 2275	7457	4800 x 2600
SJ900K	900	818	720	654	KD27V12-6BFS/5BFS	1019/783	238.57/179.63	4181 x 1986 x 2275	7770	4800 x 2600
SJ1000K	1000	909	800	727	KD27V12-6CFS/5CFS	1114/905	263.43/202.40	4224 x 1986 x 2275	8083	4900 x 2600
SJ1250K	1250	1136	1000	909	KD45V20-6AFS/5AFS	1391/1108	327.29/268.53	5517 x 2151 x 2480	12896	6200 x 2800
SJ1500K	1500	1364	1200	1091	KD45V20-6BFS/5CFS	1654/1333	393.07/285.13	5517 x 2151 x 2480	12896	6200 x 2800
SJ1600K	1600	1454	1320	1200	KD45V20-6CFS/5DFS	1755/1463	417.07/308.25	5517 x 2382 x 2580	13123	6200 x 3000
SJ1750K	1750	1591	1440	1309	KD45V20-6DFS/5EFS	1910/1547	460.65/324.29	5517 x 2382 x 2580	13123	6200 x 3000
SJ2000K	2000	1818	1600	1454	KD62V12-6AFS/5AFS	2180/1718	512.94/394.13	6958 x 2915 x 3301	27033	7600 x 3500
SJ2250K	2250	2046	1800	1636	KD62V12-6BFS/5BFS	2500/1933	588.24/443.45	6958 x 2915 x 3301	27033	7600 x 3500
SJ2500K	2500	2273	2000	1818	KD62V12-6CFS/5CFS	2700/2148	635.29/492.78	6958 x 2915 x 3301	27033	7600 x 3500

Kohler Genset

Model	Generator Set Power				Diesel Engine			Installation Data		
	1800rpm (kW,60Hz)		1500rpm (kW,50Hz)		Engine Model (60Hz/50Hz)	Engine Power (max. kW)	Fuel Consumption (L/Hr)	Dimension	Weight(kg)	PAD SIZE
	Stand-by	Prime	Stand-by	Prime		Stand-by (60/50)	60Hz/50Hz	(LxWxH,mm)	60Hz/50Hz	(LxW,mm)
SJ800KM	815	740	732	668	S12A2-Y1PTA-1/S12A2-PTA-1	900/800	213.5/173.8	4175 x 1720 x 2002	6500	4800 x 2400
SJ1000KM	1040	945	940	860	S12H-Y1PTA-3/S12H-PTA-4	1140/1020	256/217	4625 x 2050 x 2228	8800	5300 x 2700
SJ1250KM	1285	1165	1112	1016	S12R-Y1PTA-2/S12R-PTA-3	1403/1220	319/257	5095 x 2226 x 2232	11310	5700 x 2900
SJ1500KM	1505	1365	1310	1200	S16R-Y1PTA-2/S16R-Y1PTA-4	1750/1701	360.3/310	5768 x 2212 x 2516	13200	6400 x 2900
SJ1600KM	1625	1475	1588	1320	S16R-Y1PTA-2/S16R-Y1PTA-4	1750/1701	389/344	5768 x 2212 x 2516	13300	6400 x 2900
SJ2000KM	2000	1818	1800	1448	S16R-Y1PTAA2-1/S16R-Y1PTAA2-3	2150/1939	461/415	6485 x 2216 x 2507	15300	7100 x 2900

1. 연료소모율은 상용 100% 출력 기준임
1. Fuel consumption : Prime power 100%

Doosan E/G Parallel & Containner & Gas Genset

CONTAINER GENSET

DOOSAN GAS GENSET

Paralell Genset, PG SERIES

Model	Generator Set Power				Diesel Engine						
	Stand-by		Prime		Engine Model	Rating(ps)		Aspiration	Governor	Fuel Consumption (L/Hr)	Foundation LxW(mm)
	kW	kVA	kW	kVA		Stand-by	Prime				
PG800D	800	1000	727	909	**P158LE x 2**	1246	1094	TI	Electric	149.4	3100 x 4000
PG1000D	1000	1250	909	1136	**DP158LD x 2**	1512	1374	TI	Electric	186.8	3500 x 4000
PG1250D	1250	1563	1136	1420	**DP180LB x 2**	1798	1634	TI	Electric	258.6	3800 x 4000
PG1500D	1500	1875	1364	1705	**DP222LC x 2**	2252	2046	TI	Electric	270.6	3915 x 4440
PG2000D	2000	2500	1818	2273	**DP222LB x 3**	3189	2901	TI	Electric	378.9	3915 x 6660
PG3000D	3000	3750	2727	3409	**DP222LC x 4**	4504	4092	TI	Electric	541.2	3915 x 8880

Container Genset, CG SERIES

Model	Generator Set Power				Diesel Engine						Gen Set Size L x W x H(mm)	Container (ft)	Foundation LxW(mm)
	Stand-by		Prime		Engine Model	Rating(ps)		Aspiration	Governor	Fuel Consumption (L/Hr)			
	kW	kVA	kW	kVA		Stand-by	Prime						
CG1000D	1000	1250	904	1130	**DP158LD**	1512	1374	TI	Electric	186.8	12192 x 2438 x 2896	40	12800 x 3400
CG1200D	1220	1524	1100	1388	**DP180LB**	1798	1634	TI	Electric	224.0	12192 x 2438 x 2896	40	12800 x 3400
CG1320D	1320	1650	1230	1538	**DP222LA**	2004	1822	TI	Electric	258.6	12192 x 2438 x 2896	40	12800 x 3400
CG1500D	1500	1876	1364	1706	**DP222LC**	2252	2046	TI	Electric	270.6	12192 x 2438 x 2896	40	12800 x 3400

1. TI터보챠져 인터쿨러
2. 연료 소모율은 상용출력 75%임

1. TI : Turbo charged & intercooled
2. Fuel consumption : Prime power 75%

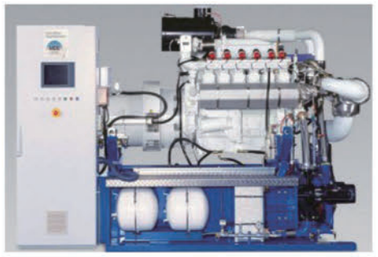
Gas Genset, SGD SERIES

Model	Generator Set Power		Gas Engine					Dimension & Weight		
	Prime		Prime	Engine Model	Aspiration	Governor	Gas Consumption (Nm^3/hr)	Gen Set Size L x W x H(mm)	Weight (kg)	Foundation LxW(mm)
	kW	kVA	kW							
SG135D	135	169	204	**GE08TIR**	TI	Electric	29.9	2684 x 1151 x 1763	2300	3100 x 1300
SG175D	175	219	272	**GE12TIR**	TI	Electric	41.1	2800 x 1151 x 1763	2700	3600 x 1675
SG235D	235	294	367	**GB158TIR**	TI	Electric	57.6	2823 x 1244 x 1850	3400	3750 x 1800
SG300D	300	375	462	**GB180TIR**	TI	Electric	71.7	3100 x 1380 x 2050	3900	4050 x 1800
SG370D	370	463	557	**GB222TIR**	TI	Electric	89.4	3400 x 1620 x 2050	4320	4200 x 1800

1. 사용연료 : LNG(액화천연가스)
2. 연료 소모율 : 75%기준임

1. Gas : LNG
2. Fuel consumption : Prime power 75%

PRODUCT LINE-UP : MTU GAS ENGINE



CHP Plants in Compact Design 60Hz

MTU Onsite Energy Type	CHP Type	Electrical Output	Thermal Output	Thermal Output(L. T)	Emission (NO_2)	Methane Number
		kWel	kWth	kWth	ⓡ 15% O_2	-
Modules for Natural gas (90 / 70℃)						
GC 128 N6	ME 3066 D	128	227	-	〈50ppm	≥ 70
CG 172 N6	ME 3066 L	172	302	-	〈50ppm	≥ 70
GC 248 N6	ME 3042 D	248	426	-	〈50ppm	≥ 70
GC 339 N6	ME 3042 L	339	564	-	〈50ppm	≥ 70
GC 356 N6	ME 3042 L	356	593	-	〈50ppm	≥ 70
GC 385 N6	ME 3042 Z	385	604	31	〈50ppm	≥ 70
CG 404 N6	ME 3042 ZH	404	603	33	〈50ppm	≥ 70

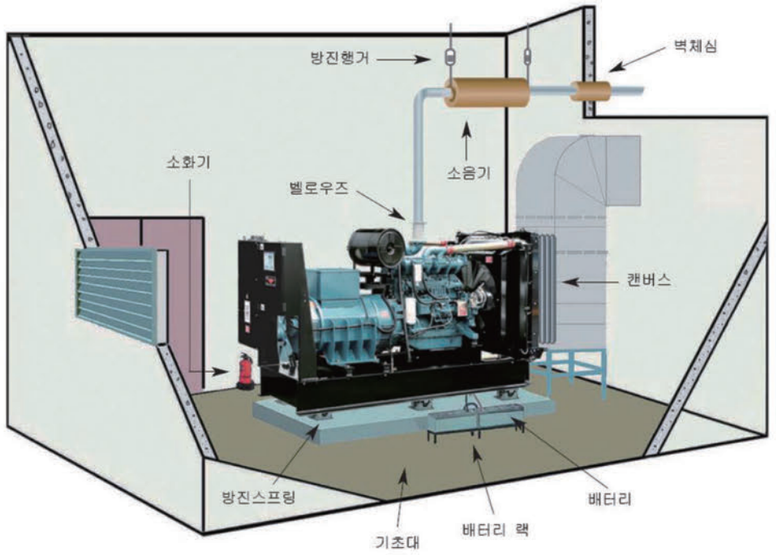
MTU Onsite Energy Type	CHP Type	Electrical Output	Thermal Output	Thermal Output(L. T)	Emission (NO_2)	Methane Number
		kWel	kWth	kWth	ⓡ 15% O_2	%
Module for Biogas, Sewage Gas (90 / 70℃)						
GC 200 B6	MB 3066 L	200	247	36	〈125ppm	45 ~ 65
GC 350 B6	MB 3042 L	350	523	-	〈125ppm	45 ~ 65
Generating Sets for Biogas, Sewage Gas, Landfill Gas						
GC 200 B6	MB 3066 L	200	144	36	〈125ppm	45 ~ 65
GC 350 B6	MB 3042 L	350	277	-	〈125ppm	45 ~ 65

MTU Onsite Energy Type	CHP Type	Electrical Output	Thermal Output	Thermal Output(L. T)	Emission (NO_2)	Methane Number
		kWel	kWth	kWth	ⓡ 15% O_2	%
Generating Sets for Natural Gas						
GR 760 N6	AE 8B 4000	760	435	44	〈50ppm	≥ 70
GR 1145 N6	AE 12V 4000	1140	651	74	〈50ppm	≥ 70
GR 1536 N6	AE 16V 4000	1536	865	99	〈50ppm	≥ 70
GR 1902 N6	AE 20V 4000	1935	1091	140	〈50ppm	≥ 70
Generating Sets for natural Gas incl. Heat Utilization and Exhaust Gas Heat						
GR 760 N6	AoE 8B 4000	760	862	44	〈50ppm	≥ 70
GR 1145 N6	AoE 12V 4000	1140	1333	74	〈50ppm	≥ 70
GR 1536 N6	AoE 16V 4000	1536	1774	99	〈50ppm	≥ 70
GR 1902 N6	AoE 20V 4000	1935	2280	140	〈50ppm	≥ 70

1. 60Hz로 변환하기 위해서 Gear Box를 사용합니다.

1. Use the gear box to convert 60Hz.

INSTALLATION DATA (SJD Series)



Detail Data of Installation

MODEL	Fuel Tank capacity	PAD SIZE	Radiator size		Exhaust air duct	Intake air duct	Main Circuit Breaker	Exhaust gas pipe size (eaxsize, A)		
	(L)	(LxW,mm)	Wide(mm)	High(mm)	Area(m^2)	Area(m^2)	(A), 380Vac	10m	20m	30m
SJ90D	165	3000 x 1500 x 250	710	637	0.57	0.82	200	1 x 65A	1 x 100A	1 x 100A
SJ130D	165	3000 x 1500 x 250	710	637	0.57	0.82	300	1 x 100A	1 x 100A	1 x 125A
SJ175D	220	3300 x 1600 x 300	800	820	0.73	1.05	350	1 x 100A	1 x 100A	1 x 125A
SJ200D	200	3200 x 1600 x 300	800	940	0.91	1.3	400	1 x 100A	1 x 100A	1 x 125A
SJ250D	220	3600 x 1800 x 300	935	1020	1.11	1.59	500	1 x 100A	1 x 100A	1 x 125A
SJ275D	220	3600 x 1800 x 300	935	1020	1.11	1.59	600	1 x 100A	1 x 100A	1 x 125A
SJ300D	220	3600 x 1800 x 300	935	1020	1.11	1.59	600	1 x 100A	1 x 100A	1 x 125A
SJ330D	230	3600 x 2000 x 300	939	1020	1.72	2.46	800	2 x 100A	2 x 100A	2 x 125A
SJ360D	230	3600 x 2000 x 300	939	1020	1.72	2.46	800	2 x 100A	2 x 100A	2 x 125A
SJ400D	310	3600 x 2000 x 300	1310	1230	1.72	2.46	800	2 x 125A	2 x 125A	2 x 150A
SJ460D	310	3600 x 2000 x 300	1310	1230	1.72	2.46	1000	2 x 125A	2 x 150A	2 x 150A
SJ500D	310	3600 x 2000 x 350	1310	1230	1.72	2.46	1000	2 x 125A	2 x 150A	2 x 150A
SJ560D	380	3800 x 2000 x 350	1310	1230	2.03	2.9	1250	2 x 125A	2 x 150A	2 x 150A
SJ610D	380	3900 x 2000 x 350	1310	1230	2.03	2.9	1250	2 x 125A	2 x 150A	2 x 175A
SJ660D	400	4100 x 2000 x 350	1310	1510	2.41	3.44	1600	2 x 125A	2 x 150A	2 x 175A
SJ700D	400	4300 x 2000 x 350	1310	1510	2.56	3.66	1600	2 x 125A	2 x 150A	2 x 175A
SJ750D	400	4300 x 2000 x 350	1310	1510	2.56	3.66	1600	2 x 125A	2 x 150A	2 x 175A

발전기 출력의 정의

구 분	비상출력(STAND-BY)-ESP	상용출력(PRIME)-PRP	연속출력(CONTINUOUS)-COP
상용전원	공급	공급, 잦은정전	비공급, 낙도
용도	비상운전	연속운전	연속운전
사용시간	년 500시간, 12시간에 1시간	사용시간 제한없음	사용시간 제한없음
평균 부하	비상출력의 80%	상용출력의 70~50%	연속출력의 100%
부하조건	변동부하	변동부하	고정부하
과부하	적용안됨	정격출력의 10% 12시간에 1시간으로 제한	적용안됨

엔진 출력의 단위

엔진 출력 단위에는 kW, PS, HP 가 있습니다.
kW 는 SI 단위이며, PS는 프랑스 마력, HP는 영국 마력 입니다.
1kW = 1.3596PS = 1.341022HP 입니다.

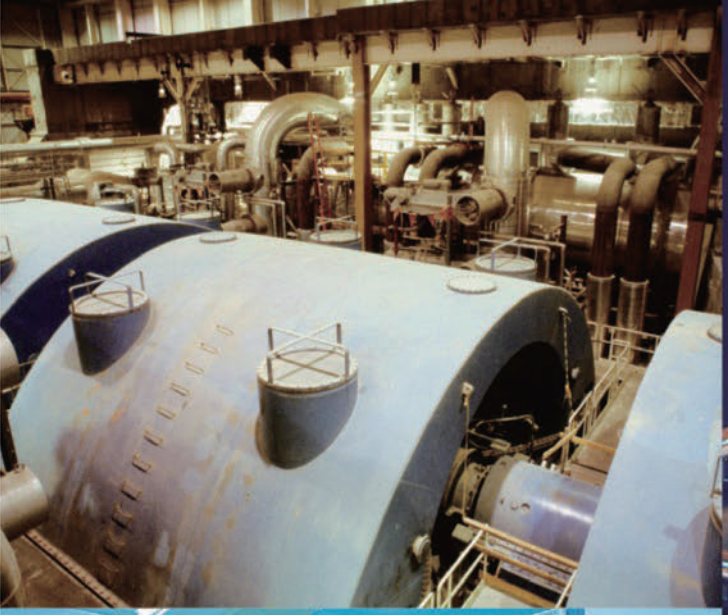
발전기 기초대의 크기

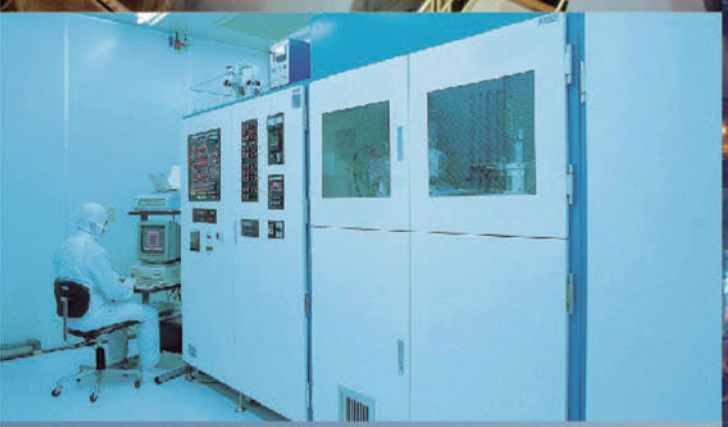
발전기 기초대의 크기는 발전기 크기 전후좌우에 각각 300mm 를 추가한 것을 기본으로 합니다.(내진스토퍼 설치 시)
발전기실 넓이에 따라 100mm 의 변동이 가능하며 기초대의 높이는 다음 식에 따라 결정이 됩니다.

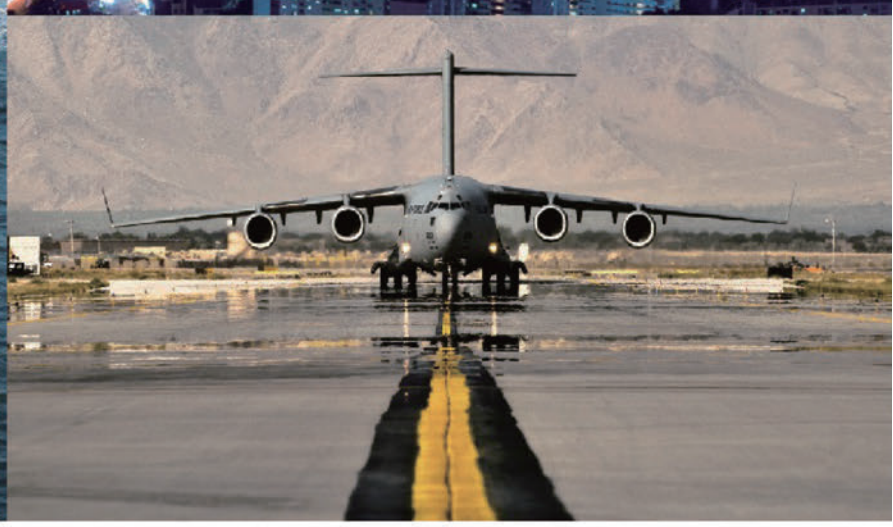
발전기 기초 패드 높이

$$H = \frac{W \times k}{D \times L \times B}$$ [m] 이상

H	높이	[m]
W	발전기 총 중량	[kg]
k	안전계수 1.5 ~ 2	
D	콘크리트 밀도 약 2400	[kg/m^3]
L x B	기초대 넓이	[m^2]







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