

ENGINE^{TECH} Generator Systems

- Diesel Generator Sets
- Gas Generator sets
- Bio & LFG Generator sets
- Co-Generator sets



■ Company Profile

Name	EngineTech Co., Ltd
CEO	Lee, Yonggyun
Founded	1999. 08.21
Capital	44.3 M US\$
Staff	35 People
Earning	12.0 M US\$
R & D	17 Engineer
Head Office	87, Hwaseong-ro 1616 beon-gil Bibong-myeon, Hwaseong-si, Gyeonggi-do, Korea, 445-842
Overseas	Bangkok, Thailand



■ Company History

1999. 08	Founded Engine Tech Co., Ltd
2002. 09	Found the R&D Center
2006. 02	Certified from Korea EPA for Engine Dynamometer
2006. 04	Certified of Diesel to LPG Retrofit from Korea EPA
2006. 08	Investment from Korea Development Bank
2007. 03	Certified of Diesel to CNG Retrofit from Korea EPA
2007. 12	Certified ISO9001 (TUV SUD)
2008. 03	Founded the Thai Office in Bangkok
2008. 08	CNG Conversion Kit supplier to Malaysia NMC
2009. 10	Certified from Korea EPA for HD Truck LNG DDF Retrofit
2010. 04	Appointed as the Sole Provider of Gas Heat Pump (GHP) Engine for LSM. (GEN-1)
2012. 08	Appointed as the Sole Provider of Gas Heat Pump (GHP) Engine for LG Electronics. (Gen-2)
2013. 06	Certificate of Green Technology for a Diesel to CNG Engine Retrofit System from the Ministry of Environment(MOE) of Korea
2013. 07	Certificate of Green Technology for a Biogas Engine Generation System from the Ministry of Environment(MOE) of Korea
2014. 09	Appointed of Charging Generation System for Hyundai Heavy Industries (HHI)



■ Rating Definitions

✓ Standby Power

- Power available at variable load in the event of a main power network failure.
- Typical operation is 50 hours per year with maximum expected usage of 200 hours per year.
- No overload is permitted.
- Standby power is in accordance with ISO 8528.
- Fuel stop power is in accordance with ISO 3046.

✓ Prime Power

- Power available for variable load with an average load factor not exceeding 80% of the prime rating in any 24hour period.
- With 10% overload capability for technical purposes for a maximum of 1 hour in every 12 hours operation.
- Overload operation can not exceed 50 hours per year.
- Prime power is in accordance with ISO 8528.
- Fuel stop power is in accordance with ISO 3046.

✓ Continuous Power

- Power output available without varying load for unlimited time.
- Average power output is 100% of continuous power rating.
- With 10% overload capability for technical purposes for a maximum of 1 hour in 12 hours.
- Continuous power is in accordance with ISO 8528.
- Fuel stop power is in in accordance with ISO 3046.

■ Notes

Engine Tech reserves the right to make changes at any time, without notice, as to technical data, price, materials, standard equipment, specifications and models, and to discontinue models. The engine illustrated may not be entirely identical to production standard engines.

■ System Integrations

✓ Engines

- Diesel Generator : HYUNDAI, DOOSAN, MAN, DEUTZ, CUMMINS, FAW(ISUZU), MTU
- Gas Generator : HYUNDAI, DOOSAN, MAN, CUMMINS

✓ Alternators

- STAMFORD, BOKUK

✓ Canopy or Container

- Galvanized steel plate, 5~6 Doors for easy maintenance and operation
- Easy access to Terminal board, Thermally insulated engine exhaust system.

✓ Generator Control

- EGCON, ComAp

■ Diesel Engine Generator



➤ Hyundai Engine Generator(50hz)

GEN-SET	Prime Power		Standby Power		Engine	Alternator	Open Type	
MODEL	KVA	KW	KVA	KW	Hyundai	Stamford	Dimension (L X W X H)	Weight (kg)
EGH18D	16	13	18	14	D4BB-G4	PI044E	1700/750/1100	940
EGH24D	20	16	23	18	D4BB-G6	PI144D	1700/750/1100	940
EGH43D	37	30	43	33	D4AF-G	PI144G	1700/750/1200	1,100
EGH50D	45	36	50	40	D4AK-G	PI144K	1700/750/1300	1,130
EGH70D	62	50	70	56	D4DA-G	UCI244F	1700/750/1300	1,130
EGH95D	83	66	95	74	D6BR-G	UCI274C	2000/800/1450	1,350
EGH132D	119	95	132	105	D6BT-G	UCI274F	2200/800/1500	1,750
EGH198D	178	142	198	158	D6AZ-G2	UCI274G	2200/800/1500	1,750
EGH233D	209	167	233	186	D6AZ-G1	UCDI274J	2200/800/1500	1,750
EGH280D	257	206	280	221	D6AC-G	UCDI274K	2200/800/1500	1,750
EGH315D	315	252	315	252	D6CA-G2	HCI444D	2500/1000/1700	2,400
EGH354D	349	279	354	279	D6CA-G3	HCI444D	2500/1000/1700	2,400
EGH430D	385	308	430	335	D6CC-G	HCI444F	2500/1000/1700	2,400

➤ Hyundai Engine Generator(60hz)

GEN-SET	Prime Power		Standby Power		Engine	Alternator	Open Type	
MODEL	KVA	KW	KVA	KW	Hyundai	Stamford	Dimension (L X W X H)	Weight (kg)
EGH18D	16	13	18	14	D4BB-G1	PI144D	1700/750/1100	940
EGH30D	27	22	30	23	D4BB-G2,3	PI144F	1700/750/1100	940
EGH30D	27	22	30	23	D4BB-P5	PI144F	1700/750/1100	940
EGH35D	32	25	35	28	D4BB-G5	PI144G	1700/750/1100	940
EGH50D	45	36	50	40	D4AF-G	PI144K	1700/750/1200	1,100
EGH70D	61	49	70	55	D4AK-G	UCI224F	1700/750/1300	1,130
EGH90D	80	64	90	72	D4DA-G	UCI274C	1700/750/1300	1,130
EGH110D	98	78	110	87	D6BR-G	UCI274C	2000/800/1450	1,300
EGH153D	138	110	153	122	D6BT-G	UCI274F	2000/800/1450	1,350
EGH214D	192	153	214	171	D6AZ-G2	UCDI274J	2200/800/1500	1,750
EGH269D	238	191	269	212	D6AZ-G1	UCDI274K	2200/800/1500	1,750
EGH302D	273	218	302	242	D6AC-G	HCI444D	2200/800/1500	1,750
EGH359D	359	287	359	287	D6CA-G2	HCI444D	2500/1000/1700	2,400
EGH399D	385	308	399	314	D6CA-G3	HCI444F	2500/1000/1700	2,400
EGH428D	385	308	428	342	D6CA-G1	HCI444F	2500/1000/1700	2,400
EGH469D	419	335	469	371	D6CC-G	HCI444F	2500/1000/1700	2,400

■ Diesel Engine Generator



➤ Doosan Engine Generator(50hz)



GEN-SET	Prime Power		Standby Power		Engine	Alternator	Open Type	
MODEL	KVA	KW	KVA	KW	Doosan	Stamford	Dimension (L X W X H)	Weight (kg)
EGD67D	61	49	66	53	DB58	PI 144E	1700/730/1300	1,000
EGD98D	89	71	98	78	D1146	PI 144H	1700/730/1300	1,300
EGD138D	124	100	137	110	D1146T	UCI224D	1700/730/1300	1,450
EGD193D	175	140	193	154	P0846TI-1	UCI224F	1750/760/1300	1,750
EGD196D	177	142	195	156	DE12T	UCI274C	1800/760/1300	1,800
EGD237D	210	168	236	189	P0846TI	UCI274D	1850/760/1300	1,750
EGD300D	265	212	299	239	P126TI-3	UCI274D	2150/760/1400	2,330
EGD323D	286	229	323	258	P126TI	UCI274F	2150/760/1400	2,350
EGD350D	315	252	349	279	P126TI-II	UCI274G	2150/830/1400	2,350
EGD382D	348	278	381	305	P158LE-2	UCI274H	2150/830/1400	2,500
EGD430D	388	311	430	344	P158LE-1	UCDI274J	2320/830/1650	2,800
EGD492D	431	345	492	393	P158LE	UCDI274J	2430/850/1650	2,900
EGD524D	477	382	524	419	P158LE-S	UCDI274K	2510/850/1650	3,100
EGD524D	477	382	524	419	P158FE	HCI444D	2510/960/1650	3,100
EGD589D	526	421	589	471	P180LE	HCI444ES	3000/1120/1800	3,350
EGD589D	537	429	589	471	P180LE-S	HCI444E	3050/1120/1800	3,450
EGD589D	537	429	589	471	P180FE	HCI544C	3050/1120/1800	3,450
EGD682D	632	505	682	545	P222LE	HCI544D	3050/1120/1800W	4,100
EGD717D	656	524	717	573	P222LE-S	LV634B	4200/2100/2200	4,100
EGD775D	-	-	774	619	P222LE-II	LV634B	4200/2100/2200	4,200
EGD728D	676	541	728	581	P222FE	LV634B	4200/2100/2200	4,200

■ Diesel Engine Generator



➤ Doosan Engine Generator(60hz)



GEN-SET	Prime Power		Standby Power		Engine	Alternator	Open Type	
	KVA	KW	KVA	KW	Doosan	Stamford	Dimension (L X W X H)	Weight (kg)
EGD79D	72	58	79	63	DB58	UCI274D	2150/760/1400	1,000
EGD121D	110	88	121	97	D1146	UCI274F	2150/760/1400	1,300
EGD174D	145	116	174	139	D1146T	UCI274G	2150/830/1400	1,450
EGD228D	204	164	228	180	P0846TI-1	UCDI274J	2430/850/1650	1,750
EGD318D	212	169	318	254	DE12T	UCDI274J	2320/830/1650	1,800
EGD265D	243	195	265	212	P0846TI	UCDI274J	2430/850/1650	1,750
EGD328D	299	239	328	262	P126TI-3	UCDI274K	2510/850/1650	2,330
EGD354D	330	264	354	283	P126TI	HCI444D	2510/960/1650	2,350
EGD407D	365	292	407	325	P126TI-II	HCI444D	2555/960/1800	2,350
EGD446D	411	329	446	356	P158LE-2	HCI444ES	3000/1120/1800	2,500
EGD478D	435	348	478	382	P158LE-1	HCI444E	3050/1120/1800	2,800
EGD544D	477	382	544	435	P158LE	HCI444FS	3050/1120/1800	2,850
EGD572D	524	419	572	457	P158LE-S	HCI444F	3050/1120/1800	2,900
EGD585D	524	419	585	467	P158FE	HCI544C	3050/1120/1800	3,100
EGD603D	546	437	603	482	P158LE-III	HCI544E	3270/2280/2200	3,200
EGD643D	590	472	642	513	P180LE	HCI544E	3270/1820/2200	3,350
EGD675D	616	493	674	539	P180LE-S	HCI544FS	4200/2100/2200	3,450
EGD673D	-	-	673	538	P180FE	LV634B	4200/2100/2200	3,500
EGD722D	665	532	722	578	P180LE-II	LV634C	4630/2100/2350	3,900
EGD784D	702	561	784	627	P222LE	HCI544E	3270/1820/2200	4,100
EGD810D	742	594	810	648	P222LE-S	HCI544FS	4200/2100/2200	4,100
EGD874D	791	633	874	699	P222LE-II	LV634B	4200/2100/2200	4,100
EGD846D	783	626	845	675	P222FE	LV634B	4200/2100/2200	4,200
EGD974D	870	696	974	779	P222FE-II	LV634B	4200/2100/2200	4,200

■ Diesel Engine Generator

➤ MAN DIESEL GENERATOR (50hz)



Genset Model	Prime power		Standby power		Engine Model	Dimension			Weight (Dry) kg
	KVA	KW	KVA	KW		L mm	W mm	H mm	
EGM333D	333	266	-	-	D2866LE201	3230	1220	1850	2500
EGM428D	-	-	428	342	D2866LE203	3230	1220	1850	2500
EGM422D	422	337	-	-	D2876LE201	3420	1155	1954	2760
EGM428D	428	342	-	-	D2876LE221	3420	1155	1954	2760
EGM536D	-	-	536	428	D2876LE203	3420	1155	1954	2760
EGM523D	-	-	523	418	D2876LE223	3420	1155	1954	2760
EGM481D	481	385	-	-	D2848LE211	3200	1410	1954	3050
EGM588D	-	-	588	470	D2848LE213	3200	1410	1954	3050
EGM536D	536	428	-	-	D2840LE201	3300	1610	2110	3280
EGM588D	588	470	-	-	D2840LE211	3300	1610	2110	3390
EGM648D	-	-	647	518	D2840LE203	3300	1610	2110	3390
EGM725D	-	-	724	580	D2840LE213	3300	1610	2110	3390
EGM645D	645	516	-	-	D2842LE201	3670	1610	2110	3750
EGM701D	701	561	-	-	D2842LE211	3670	1610	2110	3950
EGM752D	-	-	752	601	D2842LE203	3670	1610	2110	3950
EGM834D	-	-	834	667	D2842LE213	3670	1610	2110	3950
EGM832D	831	665	-	-	D2862LE221	4000	1610	2150	4890
EGM1045D	-	-	1045	836	D2862LE223	4000	1610	2150	4890

➤ MAN DIESEL GENERATOR (60hz)

Genset Model	Prime power		Standby power		Engine Model	Dimension			Weight (Dry) kg
	KVA	KW	KVA	KW		L mm	W mm	H mm	
EGM383D	382	306	-	-	D2866LE201	3230	1220	1850	2500
EGM475D	-	-	475	380	D2866LE203	3230	1220	1850	2500
EGM481D	481	385	-	-	D2876LE201	3420	1155	1954	2760
EGM448D	448	358	-	-	D2876LE221	3420	1155	1954	2760
EGM603D	-	-	602	482	D2876LE203	3420	1155	1954	2760
EGM493D	-	-	493	394	D2876LE223	3420	1155	1954	2760
EGM547D	546	437	-	-	D2848LE211	3200	1410	1954	3050
EGM641D	-	-	640	512	D2848LE213	3200	1410	1954	3050
EGM612D	612	489	-	-	D2840LE201	3300	1610	2110	3280
EGM671D	671	537	-	-	D2840LE211	3300	1610	2110	3390
EGM695D	-	-	695	556	D2840LE203	3300	1610	2110	3390
EGM784D	-	-	784	627	D2840LE213	3300	1610	2110	3390
EGM737D	736	589	-	-	D2842LE201	3670	1610	2110	3750
EGM826D	825	660	-	-	D2842LE211	3670	1610	2110	3950
EGM853D	-	-	853	682	D2842LE203	3670	1610	2110	3950
EGM950D	-	-	950	760	D2842LE213	3670	1610	2110	3950
EGM993D	993	794	-	-	D2862LE221	4000	1610	2150	4890
EGM1327D	-	-	1326	1061	D2862LE223	4000	1610	2150	4890

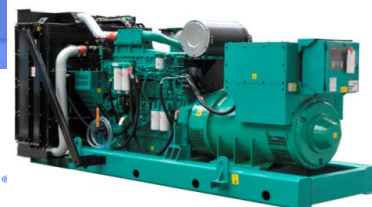
■ Diesel Engine Generator



➤ Cummins DIESEL GENERATOR (50hz)

GEN-SET	Prime Power		Standby Power		Engine	Alternator	Open Type	
MODEL	KVA	KW	KVA	KW	CUMMINS	Stamford	Dimension (L X W X H)	Weight (kg)
EGC28D	25	20	28	22	4B3.9-G1	PI 144E	2000/850/1300	780
EGC28D	25	20	28	22	4B3.9-G2	PI 144E	2000/850/1300	780
EGC42D	38	30	41	33	4BT3.9-G1	PI 144J	2000/850/1300	820
EGC42D	38	30	41	33	4BT3.9-G2	PI 144J	2000/850/1300	900
EGC55D	50	40	55	44	4BTA3.9-G2	UCI224D	2000/850/1300	970
EGC80D	73	58	80	64	4BTA3.9-G11	UCI224F	2100/850/1350	990
EGC87D	79	63	86	69	4BTA3.9-G11	UCI224G	2100/850/1350	1,150
EGC107D	96	77	106	85	6BT5.9-G1	UCI274C	2200/900/1550	1,150
EGC107D	96	77	106	85	6BT5.9-G2	UCI274C	2200/900/1550	1,200
EGC135D	120	96	135	108	6BTA5.9-G2	UCI274D	2200/900/1550	1,270
EGC149D	135	108	149	119	6BTAA5.9-G2	UCI274D	2300/900/1550	1,280
EGC173D	158	126	173	138	6BTAA5.9-G12	UCI274F	2300/900/1550	1,450
EGC198D	180	144	198	158	6CTA8.3-G1	UCI274F	2300/900/1550	1,450
EGC198D	180	144	198	158	6CTA8.3-G2	UCI274G	2300/900/1550	1,550
EGC220D	200	160	220	176	6CTAA8.3-G2	UCI274H	2400/900/1600	1,600
EGC248D	225	180	248	198	6LTAA8.9-G2	UCDI274J	2400/900/1600	1,650
EGC275D	250	200	275	220	6LTAA8.9-G2	UCDI274K	2400/900/1600	2,110
EGC275D	250	200	275	220	NT855-GA	HCI444C	2930/1400/1850	2,200
EGC303D	275	220	303	242	NTA855-G1A	HCI444D	3000/1400/1900	2,300
EGC344D	313	250	344	275	NTA855-G1B	HCI444D	3100/1400/1900	4,000
EGC385D	350	280	385	308	NTA855-G2A	HCI444E	3100/1450/2100	4,000
EGC413D	375	300	413	330	NTAA855-G7	HCI444FS	3100/1450/2100	4,000
EGC440D	400	320	440	352	NTAA855-G7A	HCI444F	3100/1450/2100	7,000
EGC495D	450	360	495	396	KTA19-G3	HCI544C	3200/1450/2100	7,000
EGC550D	500	400	550	440	KTA19-G3A	HCI544C	3700/1800/2200	7,000
EGC550D	500	400	550	440	KTA19-G4	HCI544C	3700/1800/2200	7,000
EGC605D	550	440	605	484	KTAA19-G5	HCI544D	3700/1800/2200	7,000
EGC660D	600	480	660	528	KTAA19-G6	HCI544E	3750/1700/2200	7,000
EGC688D	625	500	688	550	KTAA19-G6A	HCI544FS	3800/1800/2200	7,000
EGC688D	625	500	688	550	KT38-G	HCI544FS	3800/1800/2200	7,000
EGC798D	725	580	798	638	KT38-GA	HCI544FS	4000/1800/2200	7,000
EGC825D	750	600	825	660	KTA38-G2	LVI634B	4200/1800/2200	9,500
EGC880D	800	640	880	704	KTA38-G2B	LVI634C	4200/1800/2200	10,000
EGC990D	900	720	990	792	KTA38-G2A	LVI634D	4200/1800/2200	10,000
EGC1100D	1000	800	1100	880	KTA38-G4	LVI634E	4250/1800/2200	10,000
EGC1238D	1125	900	1238	990	KTA38-G9	LVI634F	4250/1800/2200	10,000
EGC1375D	1250	1000	1375	1100	KTA50-G3	LVI634G	5319/1920/2520	10,500
EGC1513D	1375	1100	1513	1210	KTA50-G8	PI734B	5319/1920/2520	10,500
EGC1650D	1500	1200	1650	1320	KTA50-GS8	PI734C	5319/1920/2520	10,550

■ Diesel Engine Generator



➤ Cummins DIESEL GENERATOR (60hz)

GEN-SET	Prime Power		Standby Power		Engine	Alternator	Open Type	
MODEL	KVA	KW	KVA	KW	CUMMINS	Stamford	Dimension (L X W X H)	Weight (kg)
EGC63D	56	45	63	50	4BT3.3-G2	UCI224D	2000/850/1300	700
EGC75D	69	55	75	60	4BT3.9-G4	UCI224F	2000/850/1300	720
EGC100D	93	74	100	80	4BTA3.9-G3	UCI274C	2000/850/1300	800
EGC125D	113	90	125	100	6BT5.9-G6	UCI274D	2200/900/1550	820
EGC185D	169	135	185	148	6CTA8.3-G2	UCI274F	2300/900/1550	1,100
EGC219D	199	159	219	175	6CTA8.3-G2	UCI274H	2300/900/1550	1,140
EGC250D	228	182	250	200	6CTAA8.3-G1	UCDI274J	2300/900/1550	1,150
EGC438D	400	320	438	350	NT855-G3	HCI444F	3100/1450/2100	1,200
EGC750D	675	540	750	600	VTA28-G5	HCI544FS	4200/1800/2200	2,800
EGC938D	-	-	938	750	VTA28-G7	LVI634D	4200/1800/2200	2,800
EGC1250D	1136	909	1250	1000	KTA38-G4	LVI634G	4250/1800/2200	3,000
EGC1563D	1404	1123	1563	1250	KTA50-G3	PI734C	5319/1920/2520	3,000
EGC1875D	1610	1288	1875	1500	KTA50-G8	PI734D	5319/1920/2520	3,100

➤ Deutz DIESEL GENERATOR (60hz)



GEN-SET	Prime Power		standby Power		Engine	Alternator	Open Type	
MODEL	KVA	KW	KVA	KW	Deutz	Stamford	Dimension (L X W X H)	Weight (kg)
EGZ294D	264	212	294	235	BF6M1015-LA GB	HCI444D	2800/1450/1950	3,250
EGZ319D	287	229	318	255	BF6M1015C-LA G1B	HCI444D	2800/1450/1950	3,500
EGZ365D	328	262	364	291	BF6M1015C-LA G2B	HCI444E	2800/1450/1950	3,500
EGZ405D	363	291	405	324	BF6M1015C-LA G3B	HCI444F	2800/1450/1950	3,500
EGZ540D	485	388	539	431	BF8M1015C-LA G1B	HCI544C	3200/1650/2015	3,650
EGZ567D	509	408	566	453	BF8M1015CP-LA G1B	HCI544C	3200/1650/2015	3,850

■ Diesel Engine Generator

➤ Deutz DIESEL GENERATOR (50hz)



GEN-SET	Prime Power		standby Power		Engine	Alternator	Open Type	
MODEL	KVA	KW	KVA	KW	Deutz	Stamford	Dimension (L X W X H)	Weight (kg)
EGZ14D	13	10	14	11	F2L912D	PI044E	1200/800/1100	480
EGZ22D	19	15	21	17	F3L912D	PI144D	1350/770/1100	580
EGZ28D	24	20	28	22	F3L912D	PI144F	1350/770/1100	680
EGZ42D	37	30	42	33	F4L912D	PI144K	1620/770/1100	850
EGZ55D	50	40	55	44	BF4L913TD	PI144K	1960/770/1200	900
EGZ57D	53	43	57	45	F6L912D	PI144K	1960/770/1200	1,000
EGZ75D	69	55	75	60	F6L912TD	UCI224F	2100/850/1250	1,150
EGZ88D	81	65	88	70	BF6L913TD	UCI224C	2100/850/1250	1,650
EGZ103D	93	75	102	82	BF6L913CD	UCI274C	2100/850/1250	1,600
EGZ126D	113	90	125	100	F8L413F	UCI274D	2200/1100/1150	1,850
EGZ138D	125	100	138	110	F8L413F	UCI274E	2200/1100/1150	2,000
EGZ166D	150	120	165	132	BF8L513	UCI274G	2240/1200/1350	2,000
EGZ206D	187	150	206	165	BF8L513C	UCI274H	2240/1200/1350	2,150
EGZ272D	244	196	271	217	BF6M1015-LA GA	UCDI274K	2800/1450/1950	3,300
EGZ294D	268	214	294	235	BF6M1015C-LA G1A	HCI444D	2800/1450/1950	3,300
EGZ335D	301	241	335	268	BF6M1015C-LA G2A	HCI444D	2800/1450/1950	3,300
EGZ373D	335	268	373	298	BF6M1015C-LA G3A	HCI444E	2800/1450/1950	3,300
EGZ410D	368	295	410	328	BF6M1015C-LA G4	HCI444F	2800/1450/1950	3,300
EGZ434D	390	312	433	347	BF6M1015CP-LA G	HCI444F	2800/1450/1950	3,300
EGZ497D	461	369	496	397	BF8M1015C-LA G1A	HCI544C	3200/1650/2015	3,350
EGZ532D	479	383	532	426	BF8M1015C-LA G2	HCI544C	3200/1650/2015	3,350
EGZ546D	490	392	545	436	BF8M1015CP-LA G1A	HCI544C	3200/1650/2015	3,350
EGZ582D	532	426	582	466	BF8M1015CP-LA G2	HCI544C	3200/1650/2015	3,350
EGZ605D	544	435	604	484	BF8M1015CP-LA G3	HCI544D	3200/1650/2015	3,500
EGZ630D	563	450	629	504	BF8M1015CP-LA G4	HCI544E	3200/1650/2015	3,850
EGZ665D	625	500	665	532	BF8M1015CP-LA G5	HCI544E	3200/1650/2015	3,850
EGZ879D	791	633	879	703	BF12M1015CP-LA G	LVI634C	3500/1750/2200	4,500

■ Diesel Engine Generator

➤ CHANG CHUN FAW ISUZU DIESEL GENERATOR (50hz)



GEN-SET	Prime Power		standby Power		Engine	Alternator	Open Type	
MODEL	KVA	KW	KVA	KW	ISUZU	Stamford	Dimension (L X W X H)	Weight (kg)
EGF28D	25	20	28	22	4JB1	PI 144F	1450/700/1000	570
EGF35D	31	25	35	28	4JB1T	PI 144F	1450/700/1000	570
EGF44D	40	32	44	35	4JB1TA	UCI224D	1450/700/1000	570
EGF56D	50	40	56	45	4BD1	UCI224E	1550/750/1200	700
EGF60D	58	46	60	48	4BD1T	UCI224E	1550/750/1200	720

➤ CHANG CHUN FAW ISUZU DIESEL GENERATOR (60hz)

GEN-SET	Prime Power		standby Power		Engine	Alternator	Open Type	
MODEL	KVA	KW	KVA	KW	ISUZU	Stamford	Dimension (L X W X H)	Weight (kg)
EGF33D	30	24	33	26	4JB1	PI 144F	1450/700/1000	570
EGF40D	38	30	40	32	4JB1T	PI 144J	1700/730/1300	720
EGF56D	53	42	56	45	4BD1	UCI224E	1550/750/1200	700
EGF63D	56	45	63	50	4JB1TA	UCI224E	1700/730/1300	800
EGF63D	60	48	63	50	4BD1T	UCI224E	1550/750/1200	720

■ GAS Engine Generator



➤ Doosan Gas Generator(50hz)

1. Natural Gas Generator

GEN-SET	Prime Power		standby Power		Engine	Alternator	Silence Type	
MODEL	KVA	KW	KVA	KW	MODEL	MODEL	Dimension (L X W X H)	Weight (kg)
EGD164N	149	119	164	131	GE08TI	UCI274D	2900/1150/1800	2,100
EGD225N	204	163	225	180	GE12TI	UCI274H	2900/1150/1801	2,100
EGD299N	272	217	299	239	GV158	HCI444D	2900/1500/1850	3,000
EGD377N	343	274	377	301	GV180	HCI444D	3000/1750/1990	5,000
EGD455N	413	331	455	364	GV222	HCI444F	3000/1750/1990	5,000

2. Bio Gas Generator

EGD118B	107	85	118	94	GE08TI	UCI274C	2900/1150/1800	2,100
EGD162B	147	118	162	129	GE12TI	UCI274D	2900/1150/1801	2,100
EGD217B	197	158	217	173	GV158	UCI274H	2900/1500/1850	3,000
EGD276B	251	201	276	221	GV180	HCI444D	3000/1750/1990	5,000
EGD333B	303	242	333	266	GV222	HCI444D	3000/1750/1990	5,000

Doosan Gas Generator(60hz)

1. Natural Gas Generator

GEN-SET	Prime Power		Standby Power		Engine	Alternator	Silence Type	
MODEL	KVA	KW	KVA	KW	MODEL	MODEL	Dimension (L X W X H)	Weight (kg)
EGD192N	174	140	192	153	GE08TI	UCI274F	2900/1150/1800	2,100
EGD257N	233	186	256	205	GE12TI	UCI274H	2900/1150/1801	2,100
EGD349N	317	254	349	279	GV158	HCI444D	2900/1500/1850	3,000
EGD443N	402	322	443	354	GV180	HCI444E	3000/1750/1990	5,000
EGD533N	484	387	533	426	GV222	HCI444F	3000/1750/1990	5,000

2. Bio Gas Generator

EGD144B	131	105	144	115	GE08TI	UCI274D	2800/940/1560	2,100
EGD193B	175	140	192	154	GE12TI	UCI274F	2800/940/1560	2,100
EGD262B	238	190	262	209	GV158	UCI274H	2800/940/1560	3,000
EGD346B	314	251	345	276	GV180	HCI444D	3000/1000/1560	5,000
EGD482B	438	350	482	385	GV222	HCI444F	3000/1150/1880	5,000

■ GAS Engine Generator



➤ Hyundai Gas Generator(50hz)

1. Natural Gas Generator

GEN-SET	Prime Power		standby Power		Engine	Alternator	Silence Type	
MODEL	KVA	KW	KVA	KW	MODEL	MODEL	Dimension (L X W X H)	Weight (kg)
EGH32N	29	23	32	25	D4BB-N	PI144G	2300/800/1450	1,400
EGH61N	55	44	61	48	D4DB-N	UCI224E	2400/850/1500	1,520
EGH110N	100	80	110	88	C6GB	UCI274D	2600/950/1500	1,520
EGH209N	190	152	209	167	C6AC	UCI274H	2800/940/1560	1,560

2. Bio Gas Generator

EGH28B	25	20	28	22	D4BB-B	PI144G	2300/800/1450	1,400
EGH55B	50	40	55	44	D4DB-B	UCI224E	2400/850/1500	1,520
EGH100B	90	72	99	79	C6GB	UCI274D	2600/950/1500	1,520
EGH199B	181	145	199	159	C6AC	UCI274H	2800/940/1560	1,560

➤ Hyundai Gas Generator(60hz)

1. Natural Gas Generator

GEN-SET	Prime Power		standby Power		Engine	Alternator	Silence Type	
MODEL	KVA	KW	KVA	KW	MODEL	MODEL	Dimension (L X W X H)	Weight (kg)
EGH38N	34	27	37	30	D4BB-N	PI144G	2300/800/1450	1,400
EGH76N	69	55	76	61	D4DB-N	UCI224E	2400/850/1500	1,520
EGH138N	125	100	138	110	C6GB	UCI274D	2600/950/1500	1,520
EGH262N	238	190	261	209	C6AC	UCI274H	2800/940/1560	1,560

2. Bio Gas Generator

EGH35B	31	25	34	28	D4BB-B	PI144G	2300/800/1450	1,400
EGH69B	63	50	69	55	D4DB-B	UCI224E	2400/850/1500	1,520
EGH117B	106	85	117	94	C6GB	UCI274D	2600/950/1500	1,520
EGH234B	213	170	234	187	C6AC	UCI274H	2800/940/1560	1,560

■ GAS Engine Generator



➤ MAN Gas Generator(50hz)

1. Natural Gas Generator

GEN-SET	Prime Power		standby Power		Engine	Silence Type	
MODEL	KVA	KW	KVA	KW	MODEL	Dimension (L X W X H)	Weight (kg)
EGM300N	275	220	300	240	E2676LE	2800/1000/1560	5,000
EGM413N	375	300	413	330	E2848LE	3000/1150/1880	5,170
EGM500N	463	370	500	400	E3268LE	3000/1150/1880	5,670
EGM575N	525	420	575	460	E2842LE	3000/1150/1880	5,640
EGM750N	688	550	750	600	E3262LE	3000/1243/2000	6,840

2. Bio Gas Generator

EGM300B	275	220	300	240	E2676LE	2800/940/1560	5,000
EGM413B	375	300	413	330	E2848LE	3000/1000/1560	5,170
EGM500B	463	370	500	400	E3268LE	3000/1150/1880	5,670
EGM575B	525	420	575	460	E2842LE	3000/1000/1560	5,640
EGM750B	688	550	750	600	E3262LE	3000/1150/1880	6,840

➤ MAN Gas Generator(60hz)

1. Natural Gas Generator

GEN-SET	Prime Power		standby Power		Engine	Silence Type	
MODEL	KVA	KW	KVA	KW	MODEL	Dimension (L X W X H)	Weight (kg)
EGM289N	263	210	289	231	E2876LE	2800/1000/1560	5,000
EGM344N	313	250	344	275	E2676LE	2800/1000/1560	5,000
EGM413N	375	300	413	330	E2848LE	3000/1150/1880	5,170
EGM509N	463	370	509	407	E3268LE	3000/1150/1880	5,670
EGM578N	525	420	578	462	E2842LE	3000/1150/1880	5,640
EGM798N	725	580	798	638	E3262LE	3000/1243/2000	6,840

2. Bio Gas Generator

EGM275B	250	200	275	220	E2676LE	2800/940/1560	5,000
EGM320B	291	233	320	256	E2676LE	2800/940/1560	5,000
EGM413B	375	300	413	330	E2848LE	3000/1000/1560	5,170
EGM509B	463	370	509	407	E3268LE	3000/1150/1880	5,670
EGM578B	525	420	578	462	E2842LE	3000/1000/1560	5,640
EGM798B	725	580	798	638	E3262LE	3000/1150/1880	6,840

■ 1 MW ~ 3MW Generator



Generator(50hz/60hz) **Natural & Bio Gas**

GEN-SET	Prime Power		standby Power		Engine	Alternator	Open Type	
MODEL	KVA	KW	KVA	KW	MODEL	MODEL	Dimension (L X W X H)	Weight (kg)
EGP1375N	1250	1000	1375	1100	4016-61TRS2	742FSM4364T60	5000/2100/2250	16,000



MTU Generator(50hz) **Diesel**

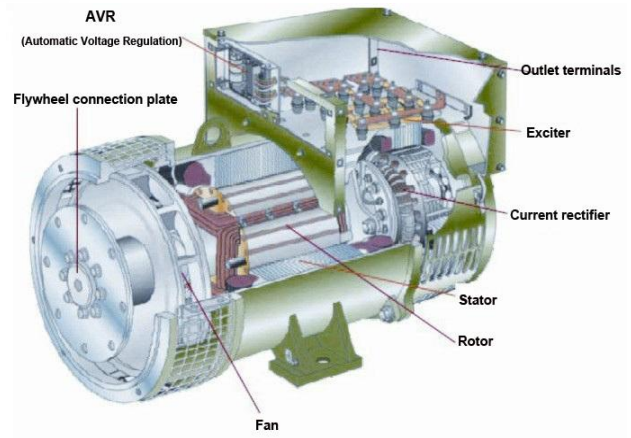
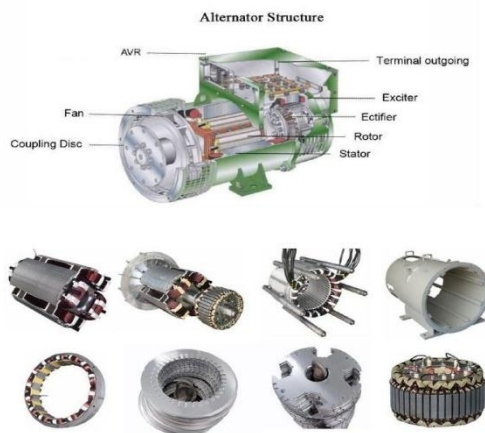
Genset Model	Prime power		Standby power		Engine Model	Dimension			Weight
	KVA	KW	KVA	KW	MTU	L	W	H	(Dry)
						mm	mm	mm	kg
EGT1039D	944	755	1038	831	16V2000G	4550	1450	2000	4700
EGT1245D	1131	905	1244	996	18V2000G	4550	1850	2500	7000
EGT1650D	1500	1200	1650	1320	12V4000G	4550	1850	2500	8800
EGT1815D	1650	1320	1815	1452	12V4000G	4550	1850	2500	10500
EGT2180D	1981	1585	2179	1744	16V4000G	4850	2250	3000	11000
EGT2393D	2175	1740	2393	1914	16V4000G	4850	2250	3000	12000
EGT2592D	2356	1885	2592	2074	20V4000G	4850	2250	3000	12000
EGT2909D	2644	2115	2908	2327	20V4000G	4850	2250	3000	12000
EGT3424D	3113	2490	3424	2739	20V4000G	4850	2250	3000	12000



MTU Generator(60hz) **Diesel**

Genset Model	Prime power		Standby power		Engine Model	Dimension			Weight
	KVA	KW	KVA	KW	MTU	L	W	H	(Dry)
						mm	mm	mm	kg
EGT1252D	1138	910	1251	1001	16V2000G	4550	1450	2000	4700
EGT1485D	1350	1080	1485	1188	18V2000G	4550	1850	2500	7000
EGT1925D	1750	1400	1925	1540	12V4000G	4550	1850	2500	8800
EGT2200D	2000	1600	2200	1760	12V4000G	4550	1850	2500	10500
EGT2544D	2313	1850	2544	2035	16V4000G	4850	2250	3000	11000
EGT2888D	2625	2100	2888	2310	16V4000G	4850	2250	3000	12000
EGT3163D	2875	2300	3163	2530	20V4000G	4850	2250	3000	12000
EGT3438D	3125	2500	3438	2750	20V4000G	4850	2250	3000	12000
EGT3850D	3500	2800	3850	3080	20V4000G	4850	2250	3000	12000

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➤ ComAp Controller

InteliLite^{NT} MRS 16



Compact gen-set controller for single operating genset

- Manual and remote start (MRS) applications
- Full gen-set monitoring and protection
- Outstanding EFI engine support with diagnostic messages in plain text via J1939
- Detailed RTC event and performance log
- Multiple languages (user changeable) in controller, even more in installation suite
- Plug-in and CAN bus extension modules capability
- WebSupervisor, AirGate and LOCATE support*
- Automatic SMS on alarm or event & gen-set control over SMS*
- On-line control and monitoring over web pages (embedded web server) via plug & play IB-Lite
- Optional GSM/GPRS modem/wireless Internet via IL-NT GPRS
- Fuel theft protection and Total fuel consumption monitoring
- Earth fault current protection*
- Alternative switchable configuration
- Automatic and manual GCB control
- Magnetic pickup input
- D+ preexcitation terminal
- True RMS measurement
- [3 phase power measurement](#)
- 3 configurable analog inputs
- 6 binary inputs

InteliGen^{NTC} BaseBox



Complex Parallel Gen-set Controller with Detachable Colour Display

InteliGen NTC BaseBox is a comprehensive gen-set controller for both single and multiple gensets operating in standby or paralleling modes. The detachable modular construction allows easy installation with the potential for many different extension modules designed to suit individual customer requirements.

- Support of engines with ECU (Electronic Control Unit)
- Complete integrated gen-set solution and signal sharing via CAN bus – minimum external components needed
- Many communication options – easy remote supervising and servicing
 - AirGate support, Ethernet connection (RJ45), USB 2.0 slave interface, 1× RS232 / 2× RS485 interface with Modbus protocol support; Analog / GSM / ISDN / CDMA modem communication support; SMS messages; ECU Modbus interface; secondary RS485 converter is isolated
- Automatic synchronizing and power control (via speed governor or ECU)
- AMF function, Baseload, Import / Export, Peak shaving, Voltage and PF control (AVR)
- Generator measurement: U, I, Hz, kW, kVAr, kVA, PF, kWh, kVAh
- Mains measurement: U, I, Hz, kW, kVAr, PF
- Selectable measurement ranges for AC voltages and currents -120 / 277 V, 0-1 / 0-5 A
- Inputs and outputs configurable for various customer needs
- Bipolar binary outputs - possibility to use BO as High or Low side switch
- Controller redundancy
- Event-based history (up to 1000 records) with customer-selectable list of stored values ; RTC; statistic values
- [Integrated PLC programmable functions](#)
- Integrated fixed and configurable protections
- DIN-Rail mount
- [Customized firmware solution](#)

➤ EGCOM Controller

GCU-DG3



Various Control Setting Options

1. Automatic operating signals using power supply or dry contact
2. RPM, oil pressure gauge, oil temp gauge, water temp gauge, DC voltage, engine hour meter included
3. Relay capability included
4. Engine stops when engine pause button pressed, overspeed, oil pressure drop, high water temperature, over frequency, low frequency, voltage unbalance
7. Possible to stop engine when low voltage, over current, current unbalance(according to setting)
8. If no MPU signal during the normal operation, engine stops
9. If no generating power during the normal operation, engine stops
10. Preheating function of engine preheating plug(automatic start)
11. Surge protection circuit
12. Anti humid and vibration by molding treatment
13. Mount on the front – easy to use
14. Engine operating signal and fault signal

Specifications

1. Power Input : 8~36Vdc
2. Commercial Power Detection : 500Vac, 3P4W or 1P
3. Overall(mm) : W240 * H170 * D62
4. Panel Cut-out(mm) : W211 * H158
5. Weight(kg) : 1
6. Operating Temp : -20~70°C

GCU-MP3



Features

1. Can control engine generator and ACB by one machine
2. For ACB(stand-alone type) panel
3. Fault alert and operating state contact included
4. Fault signal detectable
5. Engine stop and light fault engine stop selection switch

Specifications

1. Power Input : 8~35Vdc
2. Overall(mm) : W240 * H172 * D54
3. Panel Cut-out(mm) : W211 * H162
4. Mounting Holes(mm) : W226 * H60 / 6Φ * 4Holes
5. Weight(g) : 900
6. Operating Temp : -20~70°C

➤ EGCOR Controller

GCU-MP4



Features

1. Automatic operation by commercial power detection
2. Blackout detection(30sec), engine coolant(3min) controllable
3. Automatic operation repeats 3 times(operation 7 sec, pause 7 sec)
4. Operating motor double protection by speed and oil pressure switch
5. Engine stop selection switch included(ETR, ETS)
6. Relay indicating lamp included : engine stop by selection
7. Engine control switch included
8. State indicating contact(operation, fault)

Specifications

1. Power Input : 8~35Vdc
2. Overall(mm) : W120 * H210 * D48
3. Panel Cut-out(mm) : W112 * H182
4. Mounting Holes(mm) : W60 * H196 / 5Φ * 4Holes
5. Weight(g) : 700
6. Operating Temp : -20~40°C

GCP-AL2



Features

1. Digital, semi automatic and loadable
2. Automatic operating signal : power supply or dry contact
3. Enclosures : ABC, AVR
4. Relay ability
5. Oil pressure gauge, water temp gauge, DC voltage, engine hour meter included
6. Engine stops when emergency pushbutton pressed, over speed, oil pressure drop, high water temp, over/low frequency, voltage unbalance
7. Engine optionally stops when over current, low voltage, current unbalance
8. During normal operation engine stops when no MPU signal or no generator voltage
9. Stop solenoid damage prevention circuit included
10. 3pcs of CT, control wire, engine sensor/switch included

Specifications

1. Dimensions(mm) : W500 * H330 * D300
2. Mounting Holes(mm) : W420 * D190 / 10Φ * 4Holes
3. Weight(kg) : 14

➤ Engine Tech Generator Controller

GCPA-1000A



1. Features

- Type : Auto/Passive combination
- Function

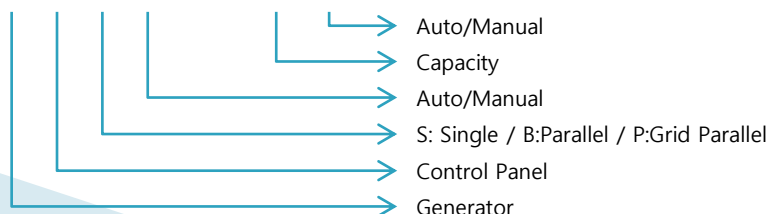
The generator is operated in automatic and manual, and has a function that can be monitoring. When electricity is blackout, system determine the condition of blackout and if blackout condition is settled than gas generator should be operate automatically certain setting time (0~30sec.). Starting should be tried 3 times before to determine system fault. Circuit breaker will be selected automatically or manually when rated speed and rated voltage is formed.

2. Fail history and safety circuit

In order to prevent accidents during the operation and protection equipment incorporates the following protections. Gas generator must be able to monitor the failure for the following items, and constitutes an emergency protection circuit. If an error occurs in the generator than digital controller light up the warning lamp(Alarm LED) that is separated with minor fault and severe fault about operating status and activated of safety circuit. Moreover, error is severe condition, light up the warning lamp and at the same time, equipment should be stoped by means of the braker tripped automatically. When the error code is recovery than equipment should be re-running automatically.

- protection circuit for lower or higher than the rated frequency
- protection circuit for overvoltage/under voltage and over current
- Over load Protection System
- Reverse power protection systems
- The voltage and current imbalance
- Main breaker malfunction
- The battery under voltage and over voltage
- Emergency Stop button operation
- Parallel operation failure
- Starting the failure of the engine
- Over speed the engine
- Engine Cooling System
- Engine lubricating oil system

G C P A - 1000 A



3. Protection

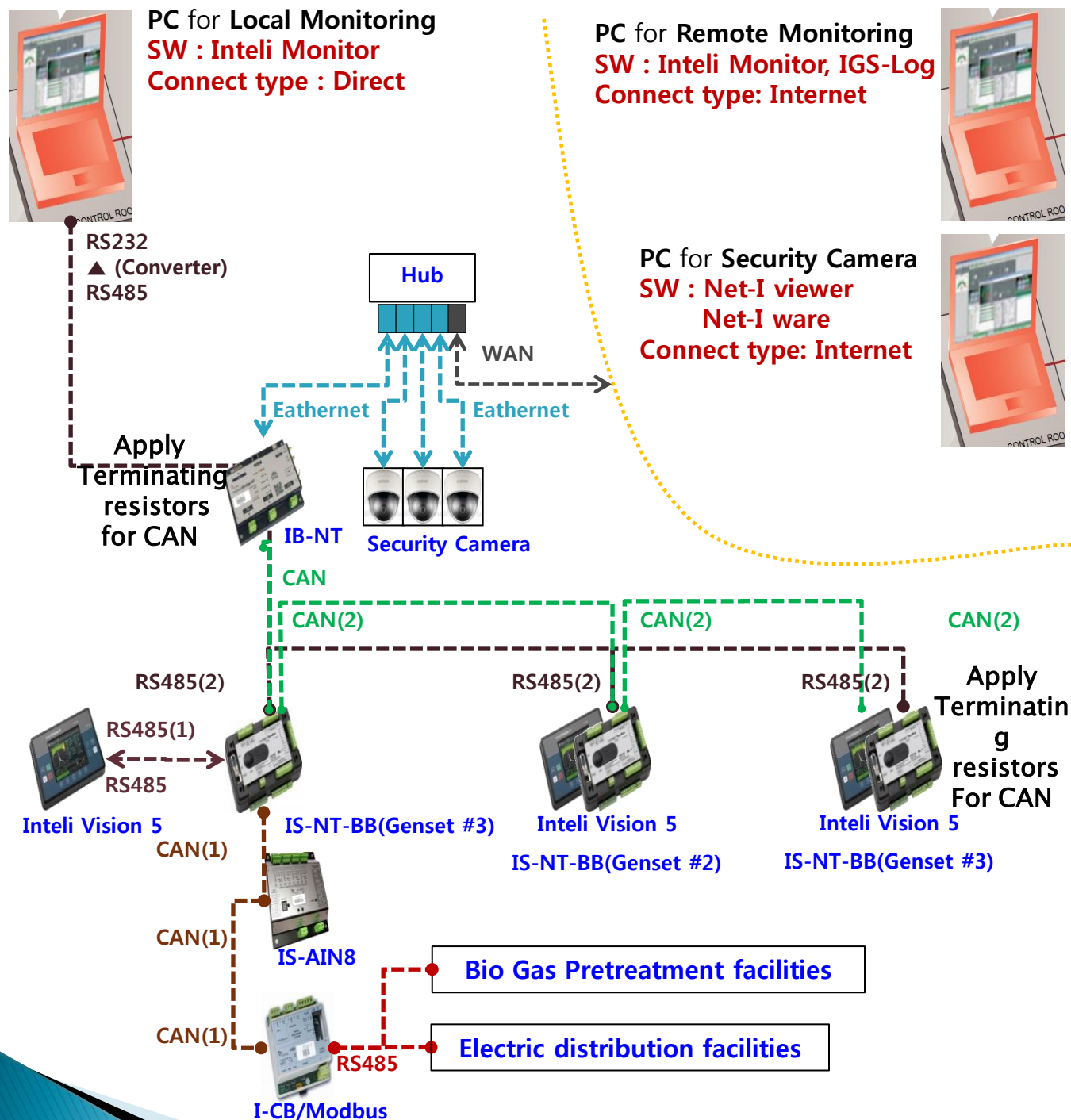
(1) In case of warning

Function devices	Engine Stop	Brake Trip	Warning Bell	ALARM LED	Error Code	Remark
high frequency	X	X	O	O	O	More than 103% of the rated frequency
low frequency	X	X	O	O	O	Lower than 97% of the rated frequency
over voltage	X	X	O	O	O	More than 105% of the rated voltage
over current	X	X	O	O	O	More than 115% of the rated current
overload	X	X	O	O	O	More than 105% of the rated output
phase mis-connection	X	X	O	O	O	Indicated phase mis-connection
malfunction of main braker	X	X	O	O	O	Mulfunction of main braker
battery low voltage	X	X	O	O	O	Lower than 21V
battery over voltage	X	O	O	O	O	Higher than 30V

(2) incase of severe fault

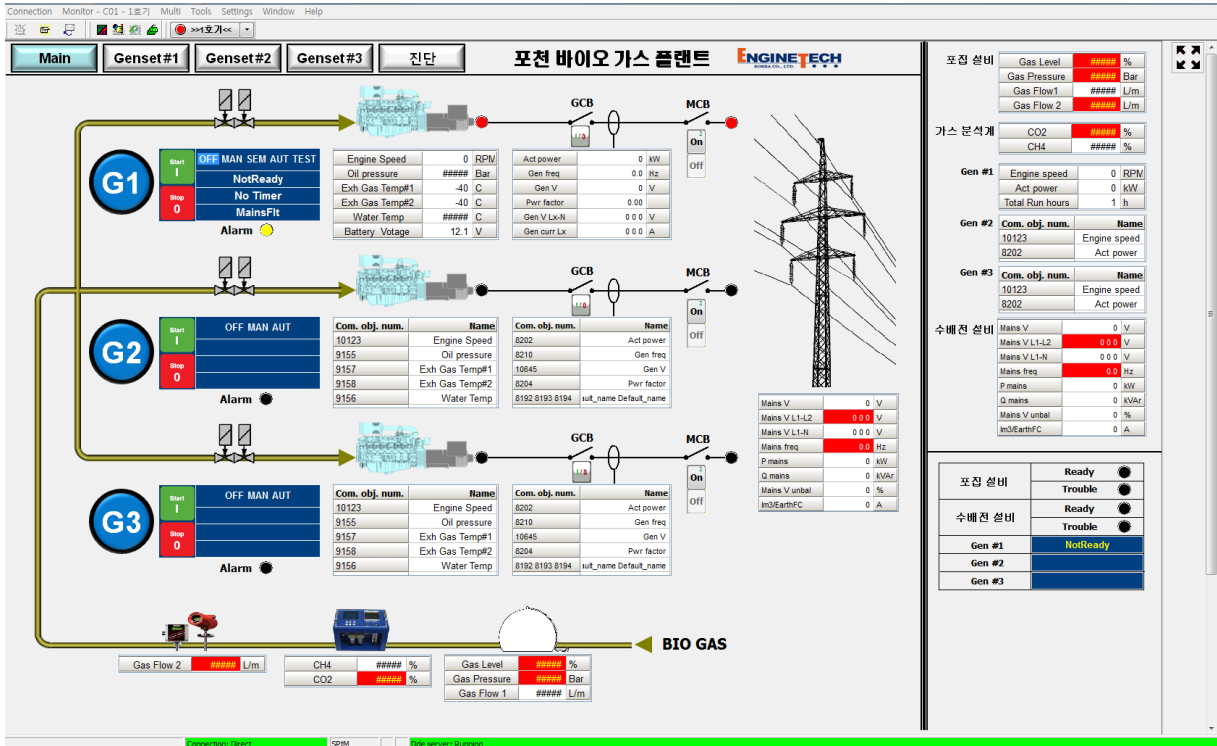
Function devices	Engine Stop	Brake Trip	Warning Bell	ALARM LED	Error Code	Remark
Low pressure of engine oil	O	O	O	O	O	less than 0.8 bar
Over heating of coolant water	O	O	O	O	O	higher than 106°C
Starting fault	O	X	O	O	O	3 times starting fail
Engine over speed	O	O	O	O	O	higher than 120% of rated rpm
High frequency	O	O	O	O	O	higher than 105% of rated frequency
Emergency stop button operation	O	O	O	O	O	Press the emergency button
Overvoltage	O	O	O	O	O	hogher than the 110% of rated current
Overcurrent	O	O	O	O	O	higher than the 120% of rated current
Lowvoltge	O	O	O	O	O	Lower than 90% of rated voltage
Overload	X	O	O	O	O	Higher than the 110% of rated output
Reverse current	X	O	O	O	O	higher than 5% of rated output
Ground current	O	O	O	O	O	N phase current detection
Short-circuit current(IDMT)	O	O	O	O	O	higher than 200% of rated current(instant)
Voltage unbalance	X	O	O	O	O	More than 10% of the three-phase voltage
Current unbalance	X	O	O	O	O	More than 30% of the three-phase current

Signal Configuration for Genset

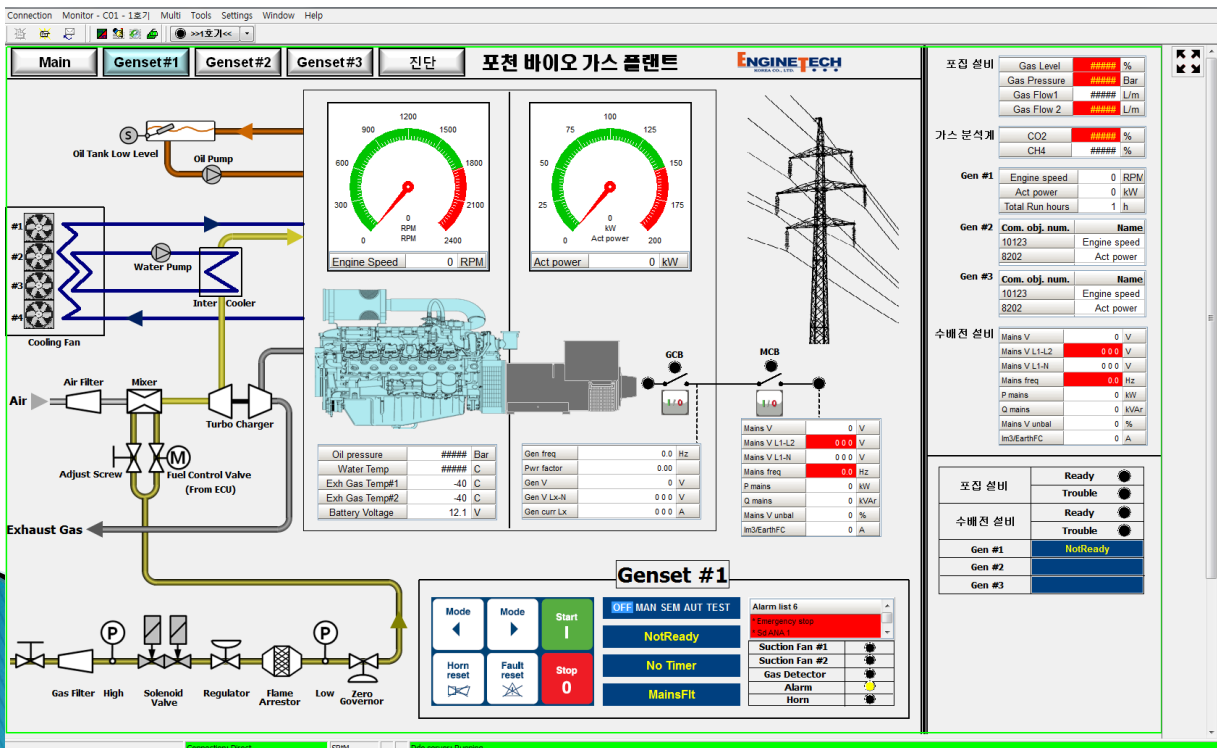


2. Monitoring Screen

Main



Genset(#1, #2, #3)



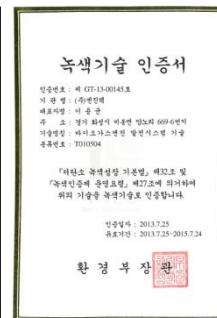
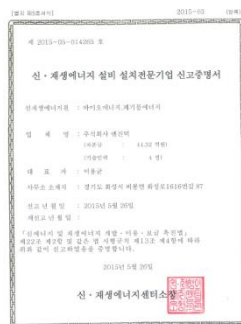
Creation and Innovation!!

We make a myth of Power Generation.



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