



TOMI GENERATORS

Tomi Power Generation is originated from Japan and later merged with an Italian power equipment manufacturer, specialized in power generation and distribution.

It manufactures and markets a broad range of industrial generators and portable generators from 6–3000kVA, offering Italian and Japanese design for every kind of demand and application. The production facilities have transferred to Italy and expanded to Spain and China; they combine industrial production efficiency with incomparable quality for all specifications.

Tomi has strong international presence in the power generation business through dynamic growth that has found place in global and varied markets, particularly in South East Asia and Africa. Co-operating with an established network of dealers, Tomi is able to satisfy customers' requirements and offer customized solutions for all kinds of applications.

SERVICE & PARTS

Tomi gives special attention to deliver an efficient Customer Care and After Sales Service.

With highly trained, motivated and professional staff, Tomi Service provides solutions to requests resulting from its worldwide customers and also offers an incredible wide range of spare parts and components.

On top of this, Tomi has developed special programs and service networks for its dealers, customers and end users, giving support through scheduled maintenance programs, installation and commissioning services, training activities and continuous, active support through the Tomi Service Staff.

PRODUCT RANGE

TECHNICAL SPECIFICATIONS

Pag.3-18

Tomi•Mitsubishi	Pag.3-4
Tomi•Perkins	Pag.5-6
Tomi•Volvo	Pag.7-8
Tomi•Dongfeng Cummins	Pag.9-10
Tomi•Cummins & Chongqing Cummins	Pag.11-12
Tomi•Deutz Water Cooled	Pag.13-14
Tomi•Deutz Air Cooled	Pag.15-16
Tomi•MTU	Pag.17-18
Tomi•YANMAR	Pag.19-20

PORTABLE GENERATOR SETS

Pag.21-22

TOMI GENSET CONTROL SYSTEM

Pag.23-24

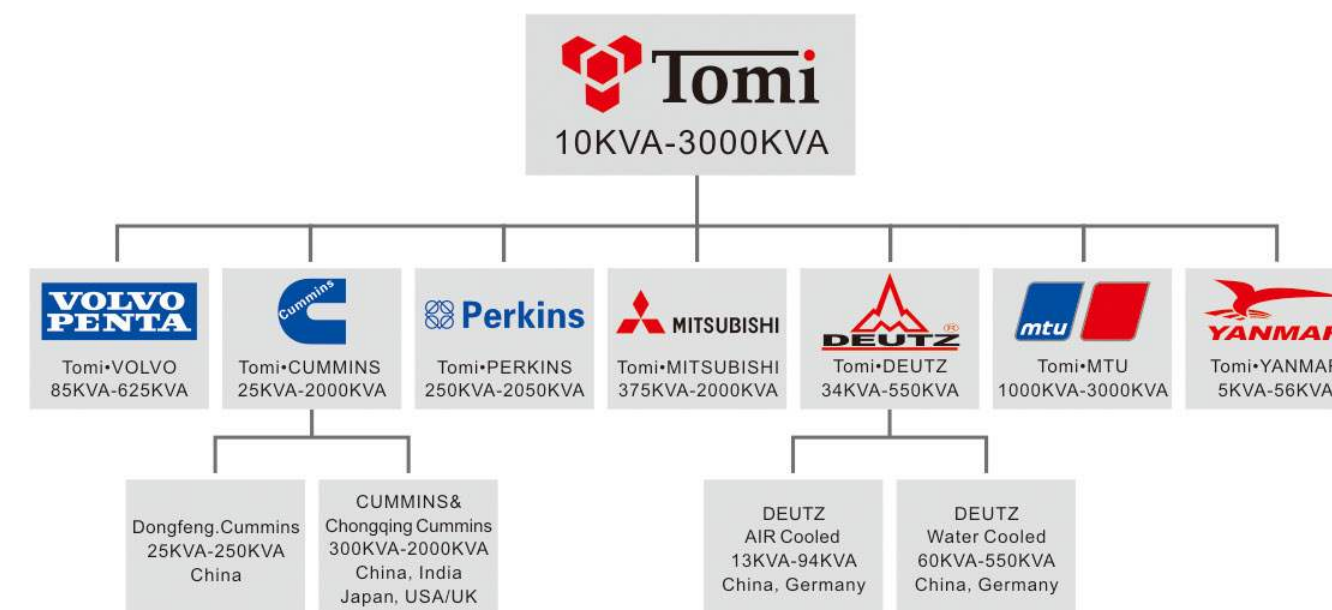
TYPICAL APPLICATION

Pag.25-26

CUSTOMIZED SPECIAL APPLICATION

Pag.27-30

PRODUCT LINE

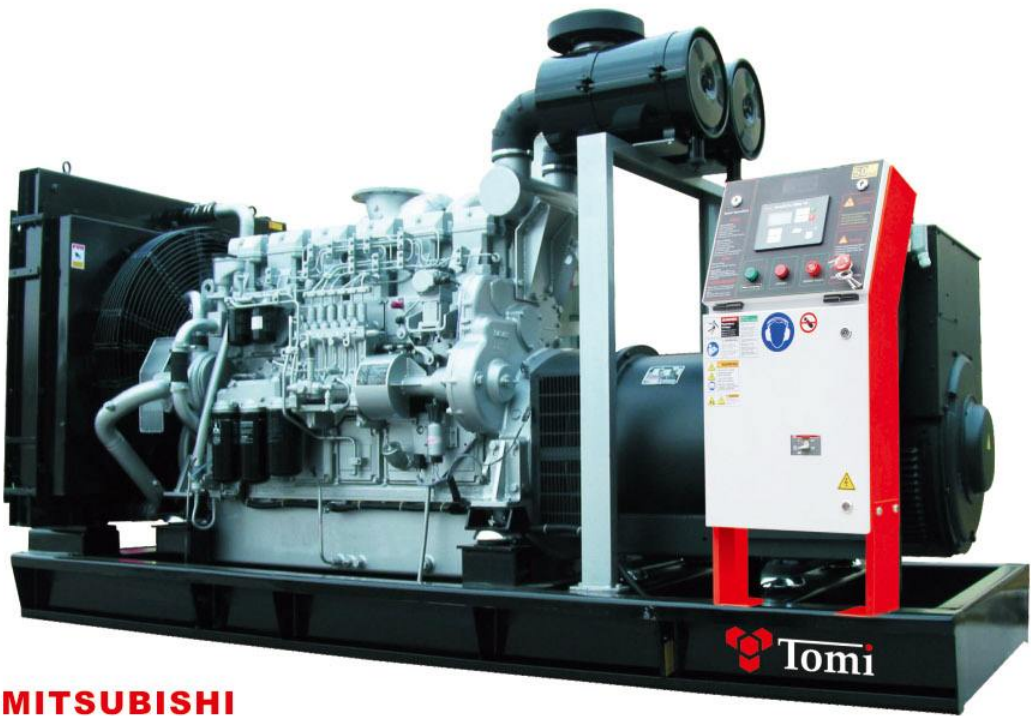


TOMI•MITSUBISHI SERIES
DIESEL GENERATOR SET

Features:

Tomi•MITSUBISHI series gensets installed with the original Mitsubishi engine from Japan.

Mitsubishi Heavy Industry has the accomplished world-famous achievement in the industry of shipbuilding, steel structure, engine, machinery, general machinery, aerospace, lift, air condition etc. Mitsubishi products contributed a lot in satisfying and improving human's life and developing of industry and technology.



Tomi•MITSUBISHI
375KVA-2000KVA

	GENSET MODEL	TMM375	TMM450	TMM500	TMM625	TMM675	TMM750	TMM800	TMM940	TMM1060	TMM1275	TMM1375	TMM1500	TMM1750	TMM1875	TMM2000
RATED POWER	Prime (KW/KVA)	300/375	360/450	400/500	500/625	540/675	600/750	640/800	750/940	850/1060	1020/1275	1100/1375	1200/1500	1400/1750	1500/1875	1600/2000
	Standby (KW/KVA)	330/413	400/500	440/550	550/690	600/750	660/825	704/880	825/1035	935/1170	1100/1375	1200/1500	1320/1650	1540/1925	1650/2060	1800/2250
100% LOAD	Fuel Consumption. (g/kwh)	211	213	213	206	205	211	214	206	206	205	205	205	207	207	207
	Oil Consumption. (g/kwh)	0.87	0.87	0.87	0.8	0.8	1.1	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
ENGINE	Model	S6B3-PTA	S6A3-PTA	S6A3-PTAA	S6R-PTA	S6R2-PTA	S6R2-PTAA	S12A2-PTA	S12H-PTA	S12H-PTA	S12R-PTA	S12R-PTA2	S12R-PTAA2	S16R-PTA	S16R-PTA2	S16R-PTAA2
	Cylinders and Disposition	6L	6L	6L	6L	6L	6L	12V	12V	12V	12V	12V	12V	16V	16V	16V
	Speed (rpm)	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
	Speed Governing	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
	Design Features	Water cooling, Turbocharger, Inter-cooling, Radiator, 24VDC Electric start						Water cooling, Turbocharger, Inter-cooling, Radiator, 24VDC Electric start								
	Engine Displacement (L)	14.6	18.56	18.56	24.51	29.96	29.96	33.93	37.11	37.11	49.03	49.03	49.03	65.37	65.37	65.37
	Cylinder Bore X Stoke (mm)	135X170	150×175	150×175	170×180	170×220	170×220	150×160	150×175	150×175	170X180	170X180	170×180	170×180	170×180	170×180
	Compression Ratio	14.2:1	14.5:1	14.5:1	14.0:1	14.0:1	14.0:1	14.5:1	14.0:1	14.0:1	14.0:1	13.5:1	13.5:1	14.0:1	13.5:1	13.5:1
	Cooling Fan Air Flow (m3/min)	450	540	431	582	720	726	1140	1800	1800	1800	1800	1800	1950	2040	2500
	Exhaust Gas Flow (m3/min)	81	101	107	123	137	143	170	220	220	258	279	317	339	379	420
	Exhaust Gas Temperature (℃)	540	540	540	540	540	540	540	540	540	540	540	540	540	540	540
	Engine Oil Capacity (L)	50	80	80	100	100	100	120	200	200	180	180	180	230	230	230
	Cooling Water Capacity (L)	74	94	115	113	118	141	215	244	244	335	305	317	350	445	400
GENERATOR	Design Features	Single Bearing, Brushless, Self-exciting\Automatic Voltage Regulation, Protection Class:IP21-IP23						Single Bearing, Brushless, Self-exciting\Automatic Voltage Regulation, Protection Class:IP21-IP23								
	Voltage	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230
	Frequency	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	Insulation Class	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
GENSET	Noise (db) LP7m	86	86	86	87	89	89	90	90	90	90	91	95	95	95	95
	Design Features	High Strength Steel Structure Underframe, Integration Assemble						High Strength Steel Structure Underframe, Integration Assemble								

The producer reserves the right to introduce changes to models and features without prior notice. Models, version associated product characteristics can vary according to the markets.

TOMI•PERKINS SERIES
DIESEL GENERATOR SET

Features:

- High strength low carbon steel welded bedplate
- Whole hoisting and installation, built-in shockproof device
- Advanced coating makes it wear-resisting
- No load to full load, fluctuation ratio no exceed 0.25%
- Wire voltage waveform distortion no exceed 3%



Tomi•PERKINS
250KVA-2050KVA

	GENSET MODEL	TMP250	TMP350	TMP400	TMP450	TMP500	TMP600	TMP638	TMP728	TMP800	TMP910	TMP1000	TMP1250	TMP1375	TMP1500	TMP1700	TMP1750	TMP1825	TMP2050
RATED POWER	Prime (KW/KVA)	200/250	280/350	320/400	360/450	400/500	480/600	510/638	582/728	640/800	728/910	800/1000	1000/1250	1100/1375	1200/1500	1360/1700	1400/1750	1460/1825	1640/2050
	Standby (KW/KVA)	220/275	320/400	360/450	400/500	440/550	528/660	560/700	640/800	700/880	800/1000	880/1100	1100/1375	1200/1500	1320/1750	1500/1875	1540/1925	1600/2000	1800/2250
100% LOAD	Fuel Consumption. (g/kwh)	209	209	206	216	211	203	214	203	203	205	205	212	212	200	210	205	208	210
	Oil Consumption. (g/kwh)	0.87	0.87	0.87	0.8	0.8	0.8	0.8	0.5	0.5	0.8	0.8	0.8	0.8	0.8	0.8	0.5	0.5	0.5
ENGINE	Model	1306C-E87 TAG6	2206C-E13 TAG2	2206C-E13 TAG3	2506C-E15 TAG1	2506C-E15 TAG2	2806A-E18 TAG1A	2806A-E18 TAG2	4006C-23 TAG2A	4006C-23 TAG3A	4008TAG1A	4008TAG2A	4012-46 TWG2A	4012-46 TWG3A	4012-46 TAG2A	4012-46 TAG3A	4016TAG	4016TAG1A	4016TAG2A
	Cylinders and Disposition	6L	6L	6L	6L	6L	6L	6L	6L	6L	8L	8L	12V	12V	12V	12V	16V	16V	16V
	Speed (rpm)	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
	Speed Governing	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
	Design Features	Water cooling, Turbocharger, Inter cooling, Radiator, 24VDC Electric start								Water cooling, Turbocharger, Inter cooling, Radiator, 24VDC Electric start									
	Engine Displacement (L)	8.7	12.5	12.5	15	15	18	18	23	23	31	31	45.8	45.8	45.8	45.8	61	61	61
	Cylinder Bore×Stoke (mm)	117×136	130×157	130×157	137×171	137×171	145×183	145×183	160×190	160×190	160×190	160×190	160×190	160×190	160×190	160×190	160×190	160×190	160×190
	Compression Ratio	16.9:1	16.3:1	16.3:1	16.0:1	16.0:1	14.5:1	14.5:1	13.6:1	13.6:1	13.6:1	13.6:1	13.6:1	13.6:1	13.6:1	13.6:1	13.6:1	13.6:1	13.6:1
	Cooling Fan Air Flow (m3/min)	375	599	599	722	722	702	702	1200	1200	1120	1120	1626	1700	1872	1898	1914	2208	2208
	Exhaust Gas Flow (m3/min)	44.5	67.3	72	94	94	96	106	180	193	171.8	201	245	268	285	310	353	362	411
	Exhaust Gas Temperature (°C)	528	551	630	550	550	568	555	430	500	466	500	460	460	472	472	469	500	480
	Engine Oil Capacity (L)	26.4	40	40	62	62	62	62	113.4	113.4	153	153	117	117	117	117	214	214	214
	Cooling Water Capacity (L)	37.2	51.4	51.4	58	58	61	61	105	105	162	162	196	196	207	207	255	316	316
GENERATOR	Design Features	Single Bearing, Brushless, Self-exciting, Automatic Voltage Regulation\Protection Class:IP21-IP23								Single Bearing, Brushless, Self-exciting, Automatic Voltage Regulation\Protection Class:IP21-IP23									
	Voltage	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230
	Frequency	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	Insulation Class	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
GENSET	Noise (db) LP7m	86	86	86	87	87	87	87	90	90	90	90	95	95	95	95	97	97	97
	Design Features	High Strength Steel Structure Underframe, Integration Assemble								High Strength Steel Structure Underframe, Integration Assemble									

The producer reserves the right to introduce changes to models and features without prior notice. Models, version associated product characteristics can vary according to the markets.

TOMI•VOLVO SERIES
DIESEL GENERATOR SET

Features:

Tomi-Volvo Series environment consciousness Genset of its exhaust emission complies with EURO1 or EURO3 & EPA standards. It is powered by VOLVO PENTA electric fuel injection diesel engine that is made by the global-famous Swedish VOLVO PENTA.

The VOLVO group subordinate’s company VOLVO PENTA is absorbed in the production of industrial diesel engines, industrial vehicles and marine diesel engine products.

It keeps ahead in the field of six-cylinder engine and electric fuel injection technique etc.



Tomi•VOLVO
85KVA-625KVA



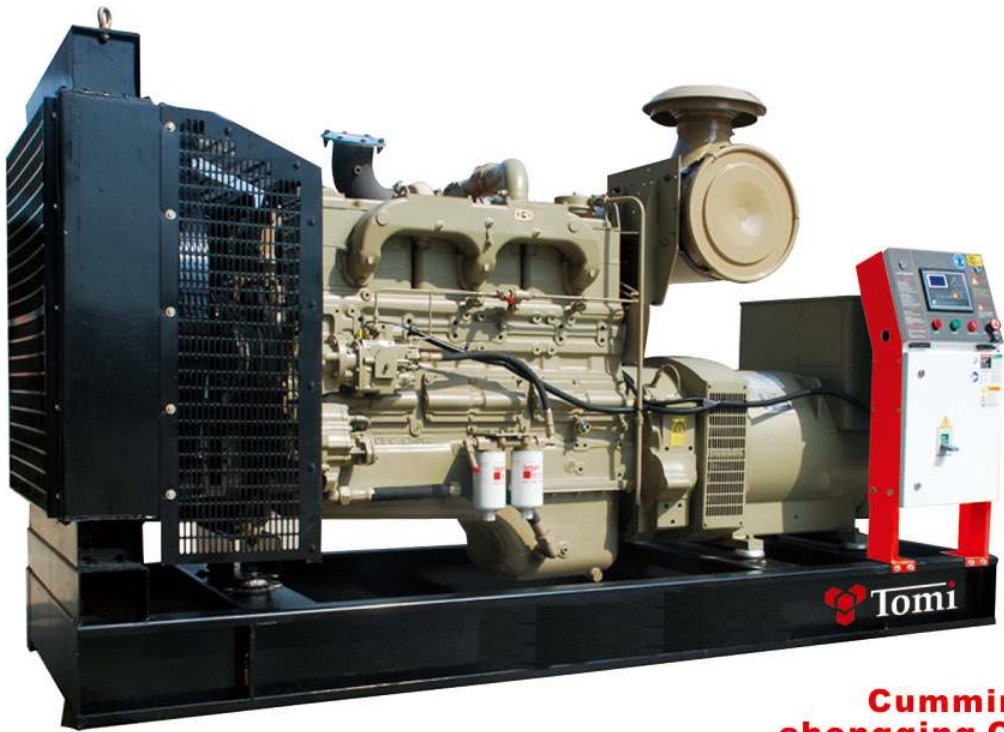
	GENSET MODEL	TMV85	TMV100	TMV130	TMV150	TMV185	TMV200	TMV250	TMV275	TMV325	TMV375	TMV400	TMV450	TMV500	TMV575	TMV625
RATED POWER	Prime (KW/KVA)	68/85	80/100	104/130	120/150	146/183	160/200	200/250	220/275	260/325	300/375	320/400	360/450	400/500	460/575	500/625
	Standby (KW/KVA)	75/94	88/110	114/143	132/165	161/201	176/220	220/275	242/303	286/358	330/413	352/440	400/500	440/550	506/633	550/688
100% LOAD	Fuel Consumption. (g/kwh)	213	218	214	215	213	216	204	201	202	192	194	196	199	201	199
	Oil Consumption. (g/kwh)	0.69	0.68	0.52	0.56	0.52	0.47	0.04	0.12	0.13	0.04	0.04	0.04	0.21	0.18	0.17
ENGINE	Model	TD520GE	TAD531GE	TAD532GE	TAD731GE	TAD732GE	TAD733GE	TAD734GE	TAD940GE	TAD941GE	TAD1343GE	TAD1344GE	TAD1345GE	TAD1641GE	TAD1642GE	TWD1643GE
	Cylinders and Disposition	4L	4L	4L	6L	6L	6L	6L	6L	6L	6L	6L	6L	6L	6L	6L
	Speed (rpm)	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
	Speed Governing	Mechanical	Mechanical	Electronic	Mechanical	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
	Design Features	Water cooling、Turbocharger、Inter-cooling、Radiator、24VDC Electric start						Water cooling、Turbocharger、Inter-cooling、Radiator、24VDC Electric start								
	Engine Displacement (L)	4.76	4.76	4.76	7.15	7.15	7.15	7.15	9.36	9.36	12.78	12.78	12.78	16.12	16.12	16.12
	Cylinder Bore×Stoke (mm)	108×130	108×130	108×130	108×130	108×130	108×130	108×130	120×138	120×138	131×158	131×158	131×158	144×165	144×165	144×165
	Compression Ratio	17.5:1	18.0:1	18.0:1	18.0:1	18.0:1	18.0:1	17.0:1	20.2:1	17.4:1	18.1:1	18.1:1	18.1:1	16.5:1	16.5:1	16.5:1
	Cooling Fan Air Flow (m3/min)	78	72	126	150	183	183	267	372	422	462	510	452	561	556	556
	Exhaust Gas Flow (m3/min)	15.4	18.4	23.2	30.2	35.1	37.2	33.4	49.6	52.2	60	67.5	58.3	92	100.7	111.8
	Exhaust Gas Temperature (℃)	610	557	532	540	542	530	550	488	539	420	465	571	455	494	463
	Engine Oil Capacity (L)	13	13	13	20	34	34	29	35	35	36	36	36	48	48	48
	Cooling Water Capacity (L)	19	19.7	20.2	23.8	38.4	38.4	32	41	41	44	44	44	60	60	128
GENERATOR	Design Features	Single Bearing、Brushless、Self-excitin、Automatic Voltage Regulation、Protection Class:IP21-IP23						Single Bearing、Brushless、Self-excitin、Automatic Voltage Regulation、Protection Class:IP21-IP23								
	Voltage	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230
	Frequency	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
	Insulation Class	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
GENSET	Noise (db) LP7m	86	86	86	87	89	89	90	90	90	90	91	95	95	95	95
	Design Features	High Strength Steel Structure Underframe、Integration Assemble						High Strength Steel Structure Underframe、Integration Assemble								

The producer reserves the right to introduce changes to models and features without prior notice. Models, version associated product characteristics can vary according to the markets.

TOMI•CUMMINS SERIES
DIESEL GENERATOR SET

Features:

Tomi-Cummins powered by original Cummins engine & Chongqing Cummins of China.
It is with the feature of superior performance, high combustion efficiency, fuel efficiency and can provide strong driving force.



Cummins &
chongqing Cummins
300KVA-2000KVA

	GENSET MODEL	TMC300	TMC350	TMC400	TMC450	TMC500	TMC540	TMC625	TMC640	TMC750	TMC810	TMC900	TMC950	TMC1000	TMC1125	TMC1250	TMC1500	TMC1875	TMC2000	
RATED POWER	Prime (KW/KVA)	240/300	280/350	320/400	360/450	400/500	450/540	500/625	512/640	600/750	648/810	720/900	760/950	800/1000	900/1125	1000/1250	1200/1500	1500/1875	1600/2000	
	Standby (KW/KVA)	264/330	308/385	352/440	400/500	440/550	495/594	550/688	563/704	660/825	712/891	792/990	836/1045	880/1100	990/1238	1100/1375	1320/1650	1650/2062	1760/2200	
100% LOAD	Fuel Consumption. (g/kwh)	210	208	206	205	203	204	206	215	213	197	206	197	202	202	202	205	197	197	
	Oil Consumption. (g/kwh)	0.74	1.00	0.70	0.96	1.02	1.12	1.37	0.96	1.14	0.80	1.36	0.80	1.07	0.80	0.86	0.80	0.80	0.80	
ENGINE	Model	NTA855-G1A	NTA855-G2A	NTA855-G7A	KTA19-G3	KTA19-G4	KTA19-G8	KTAA19-G6A	VTA28-G5	KTA38-G2	QSK23-G3	KTA38-G2A	QST30-G3	KTA38-G5	KTA38-G9	KTAA38-G9A	KTA50-G8	QSK60-G3	QSK60-G4	
	Cylinders and Disposition	6L	6L	6L	6L	6L	6L	6L	12V	12V	6L	12V	12V	12V	12V	12V	16V	16V	16V	
	Speed (rpm)	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	
	Speed Governing	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	
	Design Features	Water cooling、urbocharger,Inter cooling、Radiator、24VDC Electric start								Water cooling、urbocharger,Inter cooling、Radiator、24VDC Electric start										
	Engine Displacement (L)	14	14	14	18.9	18.9	18.9	18.9	28	37.8	23.15	37.8	30.48	37.8	37.8	37.8	37.8	50.3	50.3	50.3
	Cylinder Bore×Stoke (mm)	140×152	140×152	140×152	159×159	159×159	159×159	159×159	140×152	159×159	170×170	159×159	140×165	159×159	159×159	159×159	159×159	159×159	159×190	159×190
	Compression Ratio	14.0:1	14.0:1	14.0:1	14.5:1	14.5:1	13.5:1	13.0:1	13.0:1	14.5:1	16.0:1	14.5:1	14.0:1	13.9:1	13.9:1	13.9:1	14.9:1	14.5:1	14.5:1	
	Cooling Fan Air Flow (m3/min)	490	490	490	588	588	735	735	822	1826	979	1826	930	1826	1128	1826	1302	1584	1869	
	Exhaust Gas Flow (m3/min)	73	73	85	89	96	120	124	119	159	148	176	146	198	185	275	242	303	311	
	Exhaust Gas Temperature (℃)	541	541	485	524	538	480	585	493	541	550	552	541	499	529	499	490	505	430	
	Lube System Oil Capacity	37	37	37	50	50	50	50	83	135	103	176	154	135	135	135	204	280	280	
	Coolant Capacity	63	63	63	91	91	91	91	166	194	95.5	194	169	308	336	308	315	410	621	
GENERATOR	Design Features	Single Bearing、Brushless、Self-exciting、Automatic Voltage Regulation、Protection Class:IP21-IP23								Single Bearing、Brushless、Self-exciting、Automatic Voltage Regulation、Protection Class:IP21-IP23										
	Voltage	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	
	Frequency	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	
	Insulation Class	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
GENSET	Noise (db) LP7m	94	94	94	94	94	96	96	90	98	95	95	95	98	95	98	95	95	95	
	Design Features	high strength steel structure underframe,integration assemble								high strength steel structure underframe,integration assemble										

The producer reserves the right to introduce changes to models and features without prior notice. Models, version associated product characteristics can vary according to the markets.

TOMI•DONGFENG CUMMINS SERIES
DIESEL GENERATOR SET



Dongfeng.Cummins
25KVA-250KVA
China

Features:

Tomi-DongFeng Cummins (DCEC) series has the power range of 20-200kw. This power range adequately covers a wide variety of automotive applications, including pick up trucks, medium and heavy-duty trucks, buses, also industrial and construction equipment, generating set, marine and agricultural machinery.

Tomi• Cummins Series

	GENSET MODEL	TMC25	TMC38	TMC50	TMC60	TMC80	TMC93	TMC100
RATED POWER	Prime (KW/KVA)	20/25	30/38	40/50	50/63	64/80	75/93	80/100
	Standby (KW/KVA)	22/27	33/42	44/55	55/69	70/88	82/102	88/110
100% LOAD	Fuel Consumption. (g/kwh)	229	214	215	215	215	215	215
	Oil Consumption. (g/kwh)	1	1	0.95	0.95	0.92	0.92	0.92
ENGINE	Model	4B3.9-G2	4BT3.9-G2	4BTA3.9-G2	4BTA3.9-G2	6BT5.9-G2	6BT5.9-G2	6BT5.9-G2
	Cylinders and Disposition	4L	4L	4L	4L	6L	6L	6L
	Speed (rmp)	1500	1500	1500	1500	1500	1500	1500
	Speed Governing	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
	Design Features	Natural	Water cooling, Turbocharge, Inter cooling, Radiator, 24VDC Electric start					
	Engine Displacement (L)	3.92	3.92	3.92	3.92	5.9	5.9	5.9
	Cylinder Bore×Stoke (mm)	102×120	102×120	102×120	102×120	102×120	102×120	102×120
	Compression Ratio	16.5:1	16.5:1	16.5:1	16.5:1	17.5:1	17.5:1	17.5:1
	Cooling Fan Air Flow (m3/min)	102.6	102.6	102.6	102.6	125	125	125
	Exhaust Gas Flow (m3/min)	10	10	10	10	17	17	17
	Exhaust Gas Temperature (°C)	475	475	475	475	576	576	576
	Engine Oil Capacity (L)	11	11	11	11	16	16	16
	Cooling Water Capacity (L)	17.9	17.9	17.9	17.9	24.6	24.6	24.6
GENERATOR	Design Features	Single Bearing, Brushless, Self-exciting, Automatic Voltage Regulation, Protection Class:IP21-IP23						
	Voltage	400/230	400/230	400/230	400/230	400/230	400/230	400/230
	Frequency	50	50	50	50	50	50	50
	Insulation Class	H	H	H	H	H	H	H
GENSET	Noise (db) LP7m	91	91	86	87	89	89	90
	Design Features	High Strength Steel Structure Underframe, Integration Assemble						

	GENSET MODEL	TMC112	TMC130	TMC150	TMC180	TMC200	TMC225	TMC250
RATED POWER	Prime (KW/KVA)	90/112	104/130	120/150	150/188	160/200	180/225	200/250
	Standby (KW/KVA)	99/123	115/143	132/165	165/207	176/220	200/250	220/275
100% LOAD	Fuel Consumption. (g/kwh)	215	215	209	209	209	197	197
	Oil Consumption. (g/kwh)	0.96	0.96	0.84	0.84	0.78	0.80	0.80
ENGINE	Model	6BTAA5.9-G2	6BTAA5.9-G2	6CTA8.3-G2	6CTA8.3-G2	6CTAA8.3-G2	6LTAA8.9-G2	6LTAA8.9-G2
	Cylinders and Disposition	6L	6L	6L	6L	6L	6L	6L
	Speed (rmp)	1500	1500	1500	1500	1500	1500	1500
	Speed Governing	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
	Design Features	Water cooling, Turbocharge, Inter cooling, Radiator, 24VDC Electric start						
	Engine Displacement (L)	5.9	5.9	8.3	8.3	8.3	8.9	8.9
	Cylinder Bore×Stoke (mm)	102×120	102×120	114×135	114×135	114×135	114×145	114×145
	Compression Ratio	16.5:1	16.5:1	16.5:1	16.5:1	16.0:1	18.0:1	18.0:1
	Cooling Fan Air Flow (m3/min)	150	150	186	186	240	400	400
	Exhaust Gas Flow (m3/min)	25	25	32	32	32	55	55
	Exhaust Gas Temperature (°C)	520	520	627	627	640	470	470
	Engine Oil Capacity (L)	16	16	24	24	24	27.6	27.6
	Cooling Water Capacity (L)	26	26	28	28	31	50	50
GENERATOR	Design Features	Single Bearing, Brushless, Self-exciting, Automatic Voltage Regulation, Protection Class:IP21-IP23						
	Voltage	400/230	400/230	400/230	400/230	400/230	400/230	400/230
	Frequency	50	50	50	50	50	50	50
	Insulation Class	H	H	H	H	H	H	H
GENSET	Noise (db) LP7m	90	90	90	91	95	95	95
	Design Features	High Strength Steel Structure Underframe, Integration Assemble						

The producer reserves the right to introduce changes to models and features without prior notice. Models, version associated product characteristics can vary according to the markets.

TOMI•DEUTZ WATER COOLED SERIES
DIESEL GENERATOR SET



DEUTZ-Water Cooled
60KVA-550KVA

Features:

Tomi-DEUTZ (water cooled) Series Generator set is a set of complete equipment for electrical power supply, adopting modular design and has the features of compact structure, large power output, economy, reliability, high universality of spare parts and easy maintenance for its engine. Detuz engines, high-quality generator and advanced full-automatic control system are produced through strict test, which provides reliable power no matter as standby, prime or continuous running purpose.

Tomi• Deutz Water Cooled Series

	GENSET MODEL	TMD60	TMD75	TMD100	TMD125	TMD150	TMD200
RATED POWER	Prime (KW/KVA)	48/60	60/75	80/100	100/125	120/150	160/200
	Standby (KW/KVA)	53/66	66/83	88/110	110/138	132/165	176/220
100% LOAD	Fuel Consumption. (g/kwh)	208	202	205	198	198	198
	Oil Consumption. (g/kwh)	1.01	1.01	1.36	1.36	1.36	0.7
ENGINE	Model	BF4M2012	BF4M2012C	BF4M1013EC	BF4M1013FC	BF6M1013EC	BF6M1013FC
	Cylinders and Disposition	4L	4L	4L	4L	6L	6L
	Speed (rpm)	1500	1500	1500	1500	1500	1500
	Speed Governing	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Electronic
	Design Features	3.12	4.16	6.23	6.23	6.23	11.9
	Engine Displacement (L)	101×126	105×120	105×120	105×120	105×120	132×145
	Cylinder Bore×Stoke (mm)	17.8:1	15.5:1	15.5:1	15.5:1	15.5:1	17:1
	Compression Ratio	Turbocharge	Turbocharge	Turbocharge	Turbocharge	Turbocharge	Turbocharge
	Cooling Fan Air Flow (m3/min)	67	67	101	135	148	184
	Exhaust Gas Flow (m3/min)	15	15	23	30	33	35
	Exhaust Gas Temperature (℃)	566	566	550	550	550	550
	Engine Oil Capacity (L)	16	16	18	18	18	26
	Cooling Water Capacity (L)	30	30	33	33	33	41
GENERATOR	Design Features	Single Bearing、Brushless、Self-exciting、Automatic Voltage Regulation、Protection Class:IP21-IP23					
	Voltage	400/230	400/230	400/230	400/230	400/230	400/230
	Frequency	50	50	50	50	50	50
	Insulation Class	H	H	H	H	H	H
GENSET	Noise (db) LP7m	90	90	90	90	89	89
	Design Features	high strength steel structure underframe,integration assemble					

	GENSET MODEL	TMD312	TMD375	TMD400	TMD440	TMD550
RATED POWER	Prime (KW/KVA)	250/312	300/375	320/400	400/440	440/550
	Standby (KW/KVA)	280/350	320/400	400/440	500/550	500/600
100% LOAD	Fuel Consumption. (g/kwh)	228	228	228	206	217
	Oil Consumption. (g/kwh)	0.7	0.7	0.7	0.62	0.65
ENGINE	Model	BF6M1015C	BF6M1015CP	BF6M1015CP	BF8M1015C	BF8M1015CP
	Cylinders and Disposition	6L	6L	6L	8V	8V
	Speed (rpm)	1500	1500	1500	1500	1500
	Speed Governing	Electronic	Electronic	Electronic	Electronic	Electronic
	Design Features	11.9	11.9	11.9	15.87	15.87
	Engine Displacement (L)	132×145	132×145	132×145	132×145	132×145
	Cylinder Bore×Stoke (mm)	17:1	17:1	17:1	17:1	17:1
	Compression Ratio	Turbocharge	Turbocharge	Turbocharge	Turbocharge	Turbocharge
	Cooling Fan Air Flow (m3/min)	187	230	230	282	282
	Exhaust Gas Flow (m3/min)	37	45	52	81.6	81.6
	Exhaust Gas Temperature (℃)	550	550	550	495	495
	Engine Oil Capacity (L)	26	26	26	38	38
	Cooling Water Capacity (L)	41	41	41	45	45
GENERATOR	Design Features	Single Bearing、Brushless、Self-exciting、Automatic Voltage Regulation、Protection Class:IP21-IP23				
	Voltage	400/230	400/230	400/230	400/230	400/230
	Frequency	50	50	50	50	50
	Insulation Class	H	H	H	H	H
GENSET	Noise (db) LP7m	90	90	90	90	91
	Design Features	high strength steel structure underframe,integration assemble				

The producer reserves the right to introduce changes to models and features without prior notice. Models, version associated product characteristics can vary according to the markets.

TOMI•DEUTZ AIR COOLED SERIES
DIESEL GENERATOR SET



DEUTZ•AIR Cooled
13KVA-94KVA

Features:
Tomi-Deutz Air Cooled Series of Generating set provides peace-of-mind; with a greatly extended running time, these sets provide a professional solution against power failures, maintaining a constant power supply.

Tomi•Deutz Air Cooled Series

	GENSET MODEL	TMD13	TMD15	TMD20	TMD25	TMD28	TMD31
RATED POWER	Prime (KW/KVA)	10/13	12/15	16/20	20/25	22/28	25/31
	Standby (KW/KVA)	11/14	13/16	18/22	22/28	24/30	28/35
100% LOAD	Fuel Consumption. (g/kwh)	238	238	232	232	232	228
	Oil Consumption. (g/kwh)	0.07	0.08	0.08	0.1	0.09	0.09
ENGINE	Model	F2L912D	F2L912D	F3L912D	F3L912D	F3L912D	F4L912D
	Cylinders and Disposition	2L	2L	3L	3L	3L	4L
	Speed (rpm)	1500	1500	1500	1500	1500	1500
	Speed Governing	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
	Engine Displacement (L)	4.76	4.76	4.76	7.15	7.15	7.15
	Cylinder Bore×Stoke (mm)	102×120	100×120	100×120	100×120	100×120	100×120
	Compression Ratio	17:1	17:1	17:1	17:1	17:1	17:1
	Inspiration	Natural	Natural	Natural	Natural	Natural	Natural
	Voltage for Starter(V)	12/24	12/24	12/24	12/24	12/24	12/24
	Max Output(kw)	16	16	26	26	26	35
GENERATOR	Exhaust Gas Temperature (°C)	≤500	≤500	≤500	≤500	≤500	≤500
	Engine Oil Capacity (L)	8	8	11	11	11	12
GENSET	Design Features	Single Bearing、Brushless、 Self-exciting、 Automatic Voltage Regulation、 Protection Class:IP21-IP23					
	Voltage	400/230	400/230	400/230	400/230	400/230	400/230
	Frequency	50	50	50	50	50	50
	Insulation Class	H	H	H	H	H	H
GENSET	Noise (db) LP7m	86	86	86	87	89	89
	Design Features	High Strength Steel Structure Underframe,Integration Assemble					

	GENSET MODEL	TMD38	TMD45	TMD50	TMD63	TMD81	TMD94
RATED POWER	Prime (KW/KVA)	30/38	36/45	40/50	50/63	65/81	75/94
	Standby (KW/KVA)	33/42	40/50	44/55	55/70	72/90	82/100
100% LOAD	Fuel Consumption. (g/kwh)	228	228	228	228	220	220
	Oil Consumption. (g/kwh)	0.01	0.03	0.04	0.11	0.12	0.1
ENGINE	Model	F4L913D	F4L912TD	F6L912D	F6L913TD	BF6L913D	BF6L913CD
	Cylinders and Disposition	4L	4L	6L	6L	6L	6L
	Speed (rpm)	1500	1500	1500	1500	1500	1500
	Speed Governing	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
	Engine Displacement (L)	7.15	9.36	9.36	12.13	12.13	16.12
	Cylinder Bore×Stoke (mm)	100×120	100×120	100×120	100×120	102×125	102×125
	Compression Ratio	17:1	17:1	17:1	17:1	18:1	18:1
	Inspiration	Natural	Turbocharge	Natural	Turbocharge	Turbocharge	Turbocharge
	Voltage for Starter(V)	12/24	12/24	12/24	12/24	12/24	12/24
	Max Output(kw)	37	45	52	65	69	90
GENERATOR	Exhaust Gas Temperature (°C)	≤500	≤500	≤500	≤500	≤500	≤500
	Engine Oil Capacity (L)	12	12	14	14	20	20
GENSET	Design Features	Single Bearing、Brushless、 Self-exciting、 Automatic Voltage Regulation、 Protection Class:IP21-IP23					
	Voltage	400/230	400/230	400/230	400/230	400/230	400/230
	Frequency	50	50	50	50	50	50
	Insulation Class	H	H	H	H	H	H
GENSET	Noise (db) LP7m	90	90	90	90	91	95
	Design Features	High Strength Steel Structure Underframe,Integration Assemble					

The producer reserves the right to introduce changes to models and features without prior notice. Models, version associated product characteristics can vary according to the markets.

TOMI•MTU SERIES
DIESEL GENERATOR SET



Tomi•MTU
1000KVA-3000KVA

Features:

Tomi-MTU series generating set is based on MTU’s innovative capabilities, its reliability and system competence, MTU disposes of unique drive system know-how and offers a large range of products of excellent quality.

- MDEC/Advanced electronic management system
- Low specific fuel consumption rate
- Extremely long major overhaul time 24000-30000 hours
- Over 300 self-diagnosis warning and fault signals
- Common rail fuel injection system
- Meet the latest TA-Luft and Tier off-road emission standard

Tomi•MTU Series

	GENSET MODEL	TMU1000	TMU1125	TMU1250	TMU1400	TMU1550	TMU1640	TMU1812
RATED POWER	Prime (KW/KVA)	800/1000	900/1125	1000/1250	1120/1400	1240/1550	1312/1640	1450/1812
	Standby (KW/KVA)	880/1100	990/1258	1100/1375	1232/1540	1364/1705	1443/1804	1595/1993
100% LOAD	Fuel Consumption. (g/kwh)	198	202	199	195	189	189	193
	Oil Consumption. (g/kwh)	0.98	1	0.99	0.59	0.94	0.94	0.95
ENGINE	Model	16V2000G65	18V2000G65	12V4000G21R	12V4000G23R	12V4000G23	12V4000G23	12V4000G63
	Cylinders and Disposition	16V	18V	12V	12V	12V	12V	12V
	Speed (rpm)	1500	1500	1500	1500	1500	1500	1500
	Speed Governing	ADEC	ADEC	ADEC	ADEC	ADEC	ADEC	ADEC
	Design Features	Water cooling、Turbocharger、Inter cooling、Radiator、24VDC Electric start						
	Engine Displacement (L)	31.84	35.82	48.7	57.2	57.2	57.2	57.2
	Cylinder Bore×Stoke (mm)	130×150	130×150	165×190	170X210	170×210	170×210	170×210
	Compression Ratio	16.0:1	16.0:1	15.5:1	16.5:1	16.5:1	16.5:1	16.5:1
	Cooling Fan Air Flow (m3/min)	1224	1590	1665	1265	1928	1928	2233
	Exhaust Gas Flow (m3/min)	195	216	228	204	264	264	306
	Exhaust Gas Temperature (℃)	535	575	495	430	460	460	470
	Engine Oil Capacity (L)	102	130	200	200	200	200	200
GENERATOR	Cooling Water Capacity (L)	92	110	160	200	200	200	200
	Design Features	Single Bearing、Brushless、Self-exciting、Automatic Voltage Regulation、Protection Class:IP21-IP23						
	Voltage	400/230	400/230	400/230	400/230	400/230	400/230	400/230
	Frequency	50	50	50	50	50	50	50
GENSET	Insulation Class	H	H	H	H	H	H	H
	Noise (db) LP7m	92	92	96	96	96	96	96
	Design Features	High Strength Steel Structure Underframe,Integration Assemble						

	GENSET MODEL	TMU2050	TMU2200	TMU2275	TMU2500	TMU2750	TMU3000
RATED POWER	Prime (KW/KVA)	1640/2050	1760/2200	1820/2275	2000/2500	2200/2750	2400/3000
	Standby (KW/KVA)	1804/2255	1936/2420	2000/2500	2200/2750	2420/3025	2600/3300
100% LOAD	Fuel Consumption. (g/kwh)	192	191	191	195	193	192
	Oil Consumption. (g/kwh)	0.57	0.58	0.57	0.58	0.58	0.57
ENGINE	Model	16V4000G23	16V4000G63	16V4000G63	20V4000G23	20V4000G63	20V4000G63L
	Cylinders and Disposition	16V	16V	16V	20V	20V	20V
	Speed (rpm)	1500	1500	1500	1500	1500	1500
	Speed Governing	ADEC	ADEC	ADEC	ADEC	ADEC	ADEC
	Design Features	Water cooling、Turbocharger、Inter cooling、Radiator、24VDC Electric start					
	Engine Displacement (L)	76.3	76.3	76.3	95.4	95.4	95.4
	Cylinder Bore×Stoke (mm)	170×210	170×210	170×210	170×210	170×210	170×210
	Compression Ratio	16.5:1	16.5:1	16.5:1	16.5:1	16.5:1	16.5:1
	Cooling Fan Air Flow (m3/min)	2540	2890	3168	3504	3840	4080
	Exhaust Gas Flow (m3/min)	348	396	396	438	480	510
	Exhaust Gas Temperature (℃)	485	490	490	530	540	545
	Engine Oil Capacity (L)	240	240	240	340	340	340
GENERATOR	Cooling Water Capacity (L)	225	225	225	260	260	260
	Design Features	Single Bearing、Brushless、Self-exciting、Automatic Voltage Regulation、Protection Class:IP21-IP23					
	Voltage	400/230	400/230	400/230	400/230	400/230	400/230
	Frequency	50	50	50	50	50	50
GENSET	Insulation Class	H	H	H	H	H	H
	Noise (db) LP7m	96	96	97	98	98	98
	Design Features	High Strength Steel Structure Underframe,Integration Assemble					

The producer reserves the right to introduce changes to models and features without prior notice. Models, version associated product characteristics can vary according to the markets.

TOMI•YANMAR SERIES
DIESEL GENERATOR SET

Features:

Yanmar has been producing diesel engines since 1933, and has manufactured over 15 million diesel engines ranging from 4.5 to 5,000 horsepower. Today over five-million Yanmar diesel engines are powering world’s leading edge obile and stationary off-highway equipment. From construction equipment, generator sets, pressure washers, and turf equipment, to military applications and agricultural equipment. Its generator set has the superiority of quiet, safe, clean, high capability, long life, easy operation and saving cost, which is popular among end users.



Tomi•YANMAR
5KVA-56KVA



	GENSET MODEL	TMY5	TMY8	TMY10	TMY12	TMY15	TMY17	TMY20	TMY34	TMY40	TMY50	TMY56
RATED POWER	Prime (KW / KVA)	4.0/4.4	6.5/8	8/10	10/12.5	12/15	14/17	16/20	27/34	32/40	40/50	45/56
	Standby (KW / KVA)	5.0/5.5	7/8.8	8.8/11	11/13.8	13.2/16.5	15.4/18.8	17.6/22	30/38	35.2/44	44/55	50/62
100% LOAD	Fuel Consumption. (g/kwh)	265	260	245	245	245	245	245	231	222	237	220
	Oil Consumption. (g/kwh)	0.09	0.08	0.08	0.08	0.07	0.03	0.03	0.03	0.04	0.04	0.03
ENGINE	Model	3TNM68-GGE	3TNV76-GGE	3TNV82A-GGE	3TNV88-GGE	3TNV84T-GGE	4TNV88-GGE	4TNV84T-GGE	4TNV98-GGE	4TNV98T-GGE	4TNV106-GGE	4TNV106T-GGE
	Cylinders and Disposition	3L	3L	3L	3L	3L	4L	4L	4L	4L	4L	4L
	Speed (rpm)	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
	Speed Governing	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
	Engine Displacement (L)	0.784	1.116	1.331	1.642	1.496	2.19	1.995	3.31	3.319	4.412	4.412
	Cylinder Bore×Stoke (mm)	68×72	76×82	82×84	88×90	84×90	88×90	84×90	98×110	98×110	106×125	106×125
	Compression Ratio	23.5:1	23.5:1	19.2:1	19.1:1	19.0:1	19.1:1	18.9:1	18.5:1	18.1:1	18.0:1	18.0:1
	Inspiration	Natural	Natural	Natural	Natural	Turbocharge	Natural	Natural	Turbocharge	Natural	Natural	Turbocharge
	Voltage For Starter(V)	12	12	12	12	12	12	12	12	12	12	12
	Max Output(kw)	6.1	9	11	13.2	15.8	17.7	21	34.1	41.4	49.4	55.4
	Engine Oil Capacity (L)	2.5	3.5	5.5	6.7	6.7	7.4	7.4	10.5	10.5	14	14
	Coolant Capacity (L)	1	0.9	1.8	2	2	2.7	2.7	4.2	4.2	6	6
GENERATOR	Design Features	Single Bearing、Brushless、Self-exciting、Automatic Voltage Regulation、Protection Class:IP21-IP23					Single Bearing、Brushless、Self-exciting、Automatic Voltage Regulation、Protection Class:IP21-IP23					
	Voltage	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230
	Frequency	50	50	50	50	50	50	50	50	50	50	50
	Insulation Class	H	H	H	H	H	H	H	H	H	H	H
GENSET	Design Features	High Strength Steel Structure Underframe,Integration Assemble					High Strength Steel Structure Underframe,Integration Assemble					

PORTABLE GENERATOR SETS



To Create A Better Today, For A Brighter Tomorrow

TOMI•PORTABLE GENERATOR SETS TECHNICAL SPECIFICATIONS



FEATURES OF A TOP CLASS GENERATOR

A powerful and economical engine, a strong and modern design, a long-run and easy filling fuel tank
The right power to supply equipment sensitive to voltage surges

Portable Generator Sets

	GENERATING SET	TP1000I SINGLE PHASE	TP2000I SINGLE PHASE	TP3000I SINGLE PHASE	TP3200 SINGLE PHASE	TP5000 SINGLE PHASE
RATED POWER	(Power COP) KW/KVA	0.9/0.9	1.35/1.35	2.50/2.50	2.2/2.4	4.0/4.1
	(Power LTP) KW/KVA	1.0/1.0	1.65/1.65	2.80/2.80	2.5/2.8	4.8/5.3
POWER SPECIFICATION	Voltage	230	230	230	230	230
	Frequency	50	50	50	50	50
	Power Factory cosΦ	1.0	1.0	1.0	0.9	0.9
ENGINE	Brand	Honda	Robin	Robin	Honda	Honda
	Model	6XH50	EH09-2	EX17	GX160	GX270
	Fuel	Petrol	Petrol	Petrol	Petrol	Petrol
	Displacement(cc)	49	86	169	163	270
	Cylinder	1 vertical	1 vertical	1 inc.angle	1 inc.angle	1 inc.angle
	Cooling System	Air	Air	Air	Air	Air
	Starting System	Recoil	Recoil	Recoil	Recoil	Electirc/Recoil
FUEL CONSUMPTION	Speed	Variable	Variable	Variable	3000	3000
	At 75% of Load L/h	0.53	0.58	1.25	0.90	1.60
	Fuel Tank Capacity	3.6	4	11	11	18
NOISE EMISSION	Running Time at 75% Load h	7.2	6.0	8.6	11.8	11.0
	Guaranteed Sound Power Level(db)A	89	91	90	96	97
PROTECTION	Noise Pressure Level at 7 m(db)A	63	59	58	70	71
	Electric protection	IP23	IP23	IP23	IP23	IP23
	Socket protection	IP54	IP54	IP54	IP54	IP44

	GENERATING SET	TP5000 THREE PHASE	TP8000 SINGLE PHASE	TP8000 THREE PHASE	TP12000 SINGLE PHASE	TP12000 THREE PHASE
RATED POWER	(Power COP) KW/KVA	4.3/5.4	5.5/6.0	5.6/7.0	9.1/10.0	9.5/11.8
	(Power LTP) KW/KVA	5.0/6.3	6.4/7.2	6.6/8.3	10.7/11.9	11.3/13/9
POWER SPECIFICATION	Voltage	400/230	230	400/230	230	400/230
	Frequency	50	50	50	50	50
	Power Factory cosΦ	0.8	0.9	0.8	0.9	0.8
ENGINE	Brand	Honda	Honda	Honda	Honda	Honda
	Model	GX270	GX390	GX390	GX620	GX620
	Fuel	Petrol	Petrol	Petrol	Petrol	Petrol
	Displacement(cc)	270	389	389	614	614
	Cylinder	1 inc.angle	1 inc.angle	1 inc.angle	2-V	2-V
	Cooling System	Air	Air	Air	Air	Air
	Starting System	Electirc/Recoil	Electirc/Recoil	Electirc/Recoil	Electric	Electric
FUEL CONSUMPTION	Speed	3000	3000	3000	3000	3000
	At 75% of Load L/h	1.60	2.20	2.10	3.50	3.50
	Fuel Tank Capacity	18	18	18	24	24
NOISE EMISSION	Running Time at 75% Load h	11.0	8.4	8.4	6.9	6.9
	Guaranteed Sound Power Level(db)A	97	97	97	96	96
PROTECTION	Noise Pressure Level at 7 m(db)A	71	72	72	70	70
	Electric protection	IP23	IP23	IP23	IP23	IP23
	Socket protection	IP44	IP44	IP44	IP44	IP44

The producer reserves the right to introduce changes to models and features without prior notice.
Models, version associated product characteristics can vary according to the markets.

MANUAL START CONTROL PANEL



- Digital controller with basic genset control & protection function
- Key-locked manual start/stop switch
- Basic instrument
- LED indicators
- Engine running hour display
- Emergency stop function

AUTOMATIC START CONTROL PANEL



- Automatic start
- Remote control and monitor
- LCD warning/Shutdown display
- Easy configure by computer or front panel
- Communication interface

THREE-REMOTE CONTROL PANEL

- Automatic start
- Computer monitoring, achieve three kind of remote controls
- Digital data display for engine and alternator
- Customized input/output parameter
- RS232 or 485 communication interface
- Provide open MODBUS agreement of central monitoring (optional)



AMF CONTROL PANEL

- Digital controller provides complete genset control and protection
- Mains failure auto start/stop
- Mains/genset power supply auto transfer
- Digital data display for engine and alternator
- LCD warning/shutdown display
- Engine and electrical data collection and storage



PARALLEL INTELLIGENT CONTROL PANEL

- Micro-processor based digital auto-synchronizing controller
- Auto start, alarm and protection
- Manual/Auto paralleling
- Auto KW/KVAR load sharing
- Auto control number of genset in grid
- Provide open MODBUS agreement for central monitoring



MULTIPLE TO MAINS, STANDBY, MCB SYNCHRONIZED, SHORT TIME PARALLEL

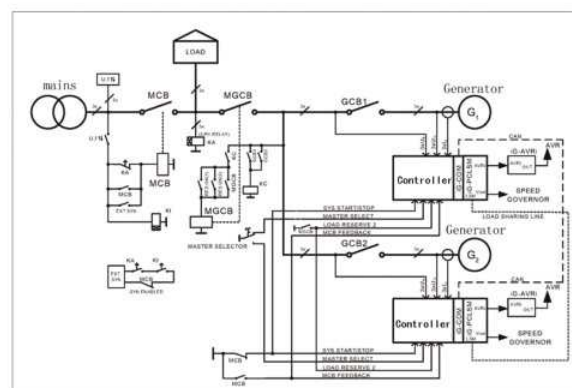
PROJECT :

3X 1000KW MITSUBISHI POWER STATION IN AFRICA
CONTROL: AUTO SYNCHRONIZING, PARALLEL TO MAINS



FUNCTION:

- Automatic Start-up when mains fails
- After mains returns MCB synchronizing
- One interrupt only Stand-by
- MGSB Support
- Power management (Auto load sharing)



POWER DISTRIBUTION SYSTEM ATS PANEL

- For emergency power usage in building, Auto Transfer Switch (ATS) is essential. ATS can automatic transfer the load from commercial utility power to emergency power supply without any manual operation.
- In normal state, when there is failure from main power supply or the voltage drops lower than 80% of the normal voltage, subsequent a preset time of 1-10 sec (adjustable according to users), the emergency generator sets will be automatically started by ATS. Once the generator set reach to the rated speed, ATS will automatically transfer the load to the emergency generators.



PARALLEL SYSTEM

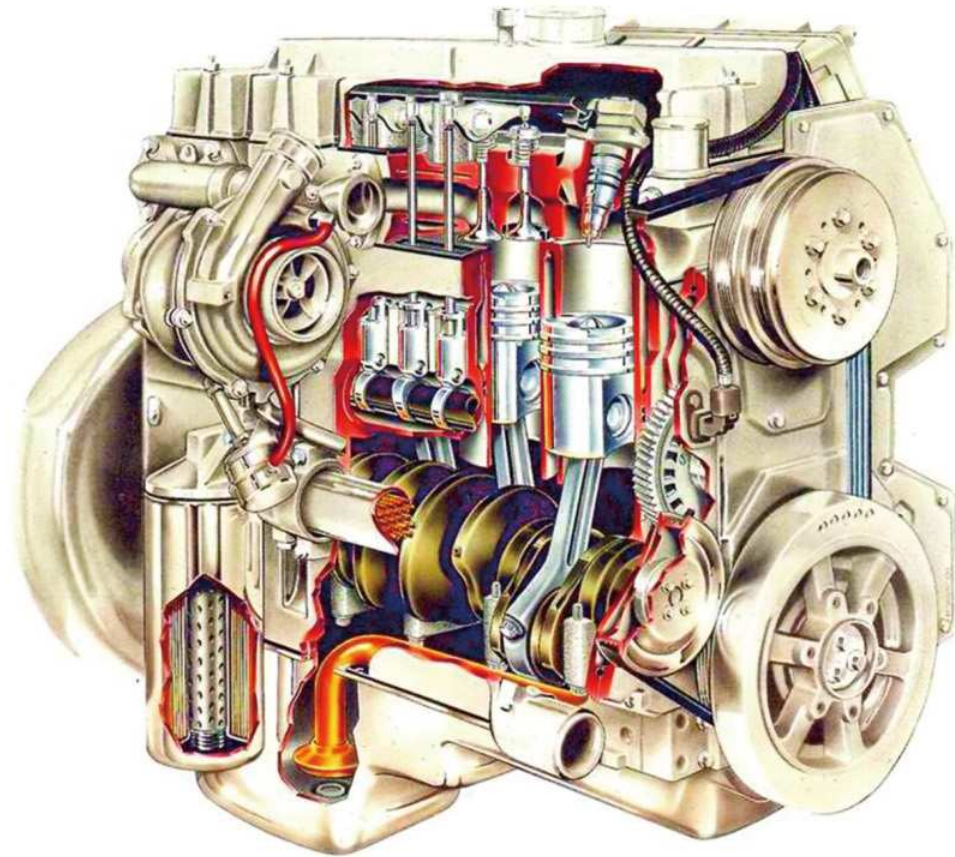
MAXIMUM 32 GENERATOR SETS RUNNING IN PARALLEL

Several generator sets are parallel running, and access a large output power for supplying the load requirement. According to the load level, operators can select the necessary quantity of generator sets easily through the parallel system. Achieve environment protection for minimise the fuel consumption and costs for generators continuously running.

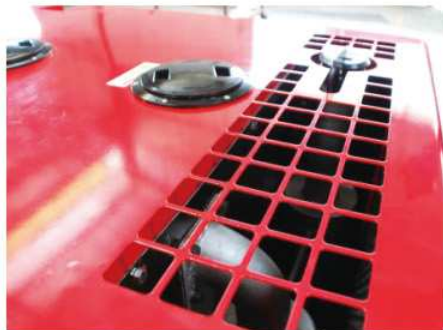
INTELLIGENT OPERATION

Parallel system can be utilized to prevent loss of power supply, minimized equipment downtime, and/or minimize the adverse effect on equipments and production due to unexpected power problems. When one generator set is taken out of service or is not running properly, redundant generators will be started by the system control automatically and continues to supply uninterrupted power to the critical load. The switched generator will be turned to standby as backup for others to ensure the UPS function.





SOUND-PROOF CANOPY SET



- Includes intake silencer, exhaust silencer, acoustic lining, water-proof louver
- Sound-proof generator sets can be lifted from eye lifting hooks on the top
- Emergency stop push button is installed outside of canopy
- Separated output cable box, easy for cable connections
- Built-in control panel and start battery

TRAILER CANOPY GENERATOR SET

- Equipped armor plate spring of structure poised
- Adopt the adjustable-height bolted towed rack, which is suitable for different height trailer
- Inertial traveling brake, station brake & disengage emergency brake between trailer and tractor



CONTAINER GENERATOR SET

- Modified from standard container for easy delivery and shipment
- Option 20'GP container and 40'GP container for user's selection
- Various distinct designs in control system panel, the style of output connection, fuel tank based and muffler etc., which are well appreciated by users



MOBILE SET



- Mobile set is mainly designed for outdoor usage therefore it is better to use ISO 20/40ft container with weather-proof intake and exhaust louver to construct the station.
- A lockable door will be fixed at each side of the enclosure for easy maintenance and safety purpose.
- Optional power cable wheel and connection box.



Air-condition



Ladder



Connection box

Tomi also offers a wide range of spare parts



connecting rod



Main bearing



High pressure pipe



O-seal



Radiator



turbocharger nozzle ring



Fu Lee(Asia)Ltd.

Add: Head Office-Unit 1605, 16/F. , Enterprise Square
Three, No. 39 Wang Chiu Road, Kowloon Bay, HongKong
Tel : (852) 23752238
Fax: (852) 23758607
E-mail: info@fuleeasia. com

AUTHORIZED DEALER



TO CREATE A BETTER TODAY, FOR A BRIGHTER TOMORROW