

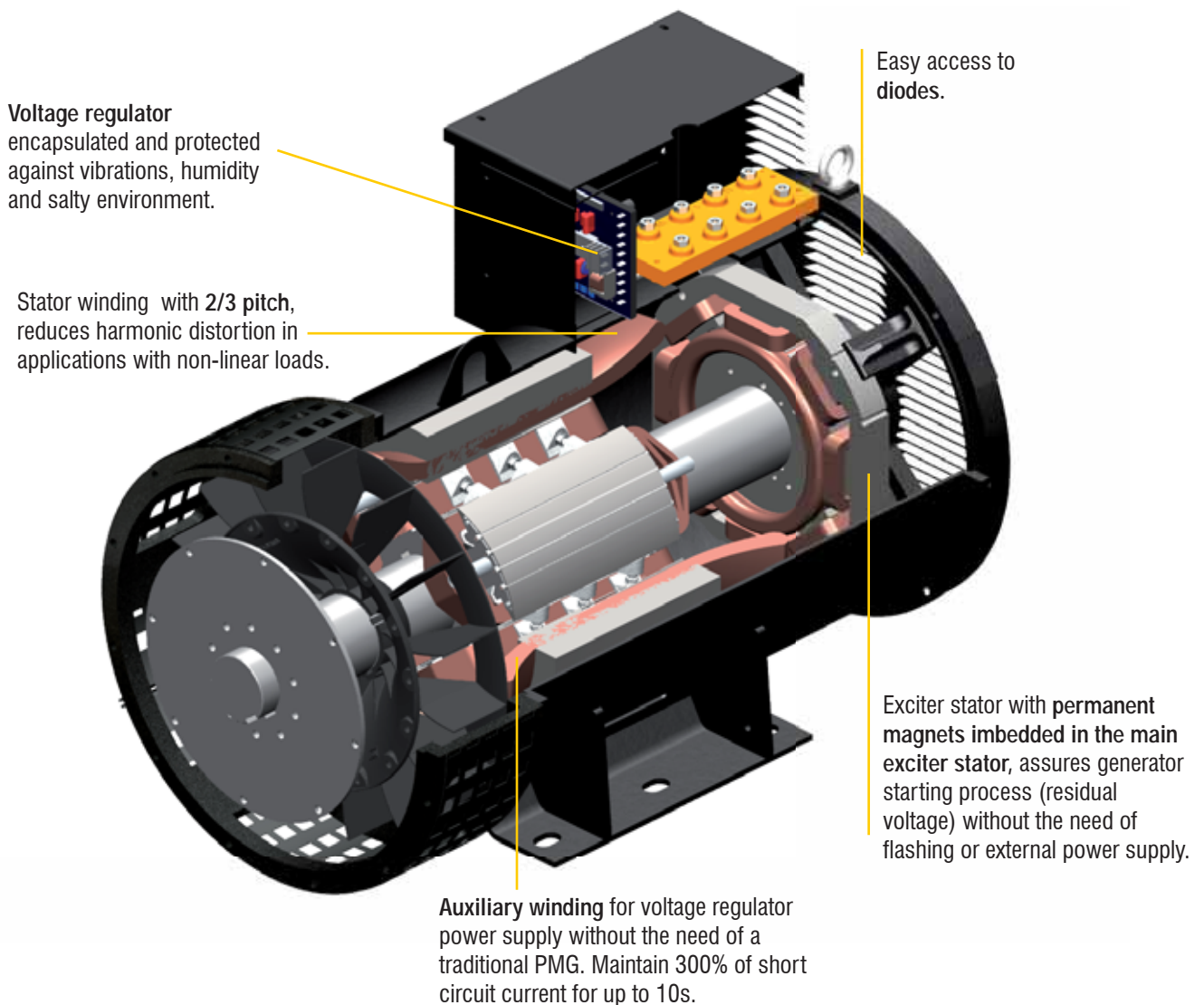


Synchronous Generators

Line **G** *Plus*



CONSTRUCTIVE FEATURES



TECHNICAL FEATURES

- Power: up to 4200kVA
- Frames: 160 to 630 (IEC)
- Low voltage: 110 to 690 V
- High voltage: 2300 to 13,800 V
- Frequency: 50 and 60 Hz
- Degree of Protection: IP21 (IP23, IP23W, IP54, IP54W, IP55 and IP55W under request)
- Insulation class: H (low voltage) and F (medium & high voltage)
- Winding pitch: 2/3
- Number of poles: 4, 6 and 8 poles.

Note:

- 1) The three-phase generators with 12 leads can operate on 190/208/220/240/380/440/480V in 60Hz and 190/208/220/230/380/400V in 50 Hz.
- 2) Three-phase generators with 12 leads can be reconnected to supply single-phase voltages from 110 to 480V.

MODEL	600 - 575V - Y									
	346 - 331V - Δ									
	80°C		105°C		125°C		150°C		163°C	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
GTA161FISR	11,0	8,8	12,6	10,1	13,7	11,0	14,7	11,8	15,3	12,2
GTA161FIHS	14,0	11,2	16,0	12,8	17,5	14,0	18,7	15,0	20,0	16,0
GTA161FIHH	15,5	12,4	17,7	14,2	19,3	15,4	20,7	16,6	21,5	17,2
GTA161FIHI	20,2	16,2	23,2	18,6	25,3	20,2	27,1	21,7	28,1	22,5
GTA161FIHJ	20,1	16,1	23,0	18,4	27,0	21,6	28,0	22,4	29,0	23,2
GTA162FIVD	29,4	23,5	33,7	27,0	42,0	33,6	44,0	35,2	46,0	36,8
GTA201FIHV	54,5	43,6	62,4	49,9	68,1	54,5	72,8	58,2	75,7	60,6
GTA201FIHB	60,4	48,3	69,2	55,4	75,5	60,4	80,7	64,6	85,0	68,0
GTA201FIHE	66,0	52,8	75,6	60,5	88,0	70,4	95,0	76,0	97,0	77,6
GTA202FIVJ	105,4	84,3	120,7	96,6	141,0	112,8	144,0	115,2	150,0	120,0
GTA251FIHD	137	110	157	126	171	137	183	146	190	152
GTA251FIHE	171	137	196	157	214	171	230	184	240	192
GTA252FIVB	186	149	213	170	233	186	250	200	260	208
GTA252FIIL	234	187	268	214	292	234	313	250	325	260
GTA252FIIR	282	226	324	259	353	282	377	302	393	314
GTA311FIVS	337	270	386	309	421	337	450	360	468	374
GTA311FIVI	375	300	430	344	469	375	514	411	535	428
GTA311FIHH	446	357	511	409	557	446	610	488	636	509
GTA312FIIB	520	416	596	477	650	520	695	556	723	578
GTA312FIIG	534	427	612	490	668	534	714	571	757	606
GTA312FIDI	591	473	678	542	750	600	813	650	844	675
GTA351FIIV	553	442	639	511	715	572	758	606	791	633
GTA351FIIE	628	502	726	581	812	650	861	689	898	718
GTA352FIDV	707	566	816	653	913	730	923	738	1000	800
GTA352HIDE	741	593	855	684	957	766	1000	800	1055	844
GTA352FIBS	774	619	894	715	1000	800	1046	837	1098	878
GTA352FIXS	813	650	939	751	1050	840	1098	878	1145	916
GTA401FIHB	883	706	1019	815	1140	912	1200	960	1260	1008
GTA401FIHE	968	774	1118	894	1250	1000	1265	1012	1319	1055
GTA402FIHR	1068	854	1234	987	1380	1104	1450	1160	1515	1212
GTA402FIVS	1165	932	1346	1077	1505	1204	1575	1260	1656	1325
GTA403FIVD	1231	985	1422	1138	1590	1272	1675	1340	1735	1388
GTA403FIVJ	1332	1066	1538	1230	1720	1376	1850	1480	1941	1553
GTA403FIXD	1433	1146	1654	1323	1850	1480	1951	1561	2040	1632
GTA451FIHG	1597	1278	1845	1476	2063	1650	2188	1750	2308	1846
GTA451FIVS	1704	1363	1967	1574	2200	1760	2313	1850	2440	1952
GTA501FIHJ	1874	1499	2164	1731	2420	1936	2500	2000	2638	2110
GTA501FIVI	2130	1704	2459	1967	2750	2200	2875	2300	3000	2400
GTA501FIVB	2395	1916	2766	2213	3093	2474	3238	2590	3375	2700
GTA561FIVH	2664	2131	3076	2461	3440	2752	3595	2876	3750	3000
GTA561FIVI	2982	2386	3443	2754	3850	3080	4025	3220	4200	3360

- ΔT = 163°C, ambient temperature = 27°C. Furthermore ΔT, ambient temperature = 40°C
- Altitud 1000m a.s.l. (for all of generator duty)
- For other voltages, refer to WEG.
- According to standards: IEC 60034 - NBR 5117 - NEMA MG1 - VDE530 - ISO8528 - CSA
- Typical values, subject to change without prior notice

Three-phase generator with single-phase connection

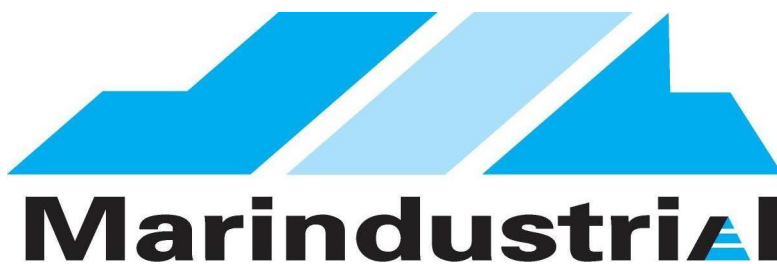
200 / 240V (60Hz)

190 / 220V (50Hz)

1,0 P.F. / Insulation class H

Low Voltage / 12 leads / 4 poles

MODELO	ΔT	60Hz					50Hz				
		200 - 240 V*					190 - 220 V*				
		80°C	105°C	125°C	150°C	163°C	80°C	105°C	125°C	150°C	163°C
GTA161AISR	kVA	6.5	7.5	8.5	9	9.5	4.5	5.5	6.1	6.5	6.5
GTA161AIHS		8	9	10.1	11	11	6	7	8.1	8.5	9
GTA161AIHH		9	10.5	11.6	12.5	13	7	8	8.8	9.5	10
GTA161AIHI		11	13	14.3	15.5	16	8	9.5	10.5	11	11.5
GTA161AIHJ		12	13.5	15.0	16	17	10	11.5	12.7	13.5	14
GTA162AIVD		18	21	23.1	25	26	13.5	15.5	17.1	18.5	19
GTA201AIHV	kVA	31	36	38.8	42	44	23	27	29.2	32	33
GTA201AIHB		38	43	47.1	52	54	26	30	33.0	36	38
GTA201AIHE		39	44	48.4	53	55	33	38	41.3	45	47
GTA202AIVJ		62	71	78	85	89	47	53	58.3	64	67
GTA251AIHD	kVA	77	88	96	106	110	62	71	77	84	88
GTA251AIHE		99	113	124	135	141	79	91	99	108	113
GTA252AIVB		113	130	142	155	162	91	104	113	124	129
GTA252AIII		138	158	172	188	196	99	113	124	136	141
GTA252AIR		160	184	200	220	229	124	142	155	170	177
GTA311AIVS		177	202	221	242	252	135	155	169	185	193
GTA311AIVI	kVA	207	238	259	284	296	154	176	193	211	220
GTA311AIIH		243	279	304	333	347	177	203	222	243	253
GTA312AIIB		305	350	382	418	436	237	271	296	324	338
GTA312AIIG		264	303	330	362	377	206	236	257	282	294
GTA312AIDI		353	405	442	484	505	275	315	344	377	393



Exclusive Authorized Distributor

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- * Voltages for ZIGZAG single phase connection or DOUBLE DELTA single phase connection
- ΔT = 163°C, ambient temperature = 27°C. Furthermore ΔT, ambient temperature = 40°C
- Altitud 1000m a.s.l. (for all of generator duty)
- For other voltages, refer to WEG.
- According to standards: IEC 60034 - NBR 5117 - NEMA MG1 - VDE530 - ISO8528 - CSA
- Typical values, subject to change without prior notice