

# Synchronous Generators

G Plus Line



## Synchronous Generators



Available with ratings up to 4200 kVA, the G Plus series generators from WEG are normally used in gas and diesel generating set units. They are also suited to operate with steam, gas or hydraulic turbines. They operate in many configurations from emergency to continuous duty power units in the following applications:

- Industrial
- Commercial
- Naval
- Telecommunications
- Mining
- Homes
- Irrigation
- Hospitals
- Airports and others.



## Certifications

WEG's quality system is certified in accordance with the ISO 9001/14001 standard requirements. The quality system is audited and certified by the Bureau Veritas Quality Institute. To comply with most demanding markets, WEG synchronous generators are certified by worldwide institutions such as C.S.A (CANADIAN STANDARDS ASSOCIATION), C.E. (EUROPEAN COMMUNITY) and UL (UNDERWRITES LABORATORIES).

WEG synchronous generators for naval applications can be supplied if requested with certificates from classifying entities such as: Lloyds, Bureau Veritas, ABS, Germanischer Lloyd, DNV and others.



*WEG also has a line of turbogenerators and hydrogenerators.*



**Turbogenerators**

- Output up to 62,500 kVA
- Voltages up to 13,800 V



**Hydrogenerators**

- Output up to 25,000 kVA
- Voltages up to 13,800 V

## Constructive Features

### Voltage regulator

encapsulated and protected against vibrations, humidity and salty environment.

### Stator winding

with 2/3 pitch, reduces harmonic distortion in applications with non-linear loads.

### Rectifiers

Easy access to diodes.

### Exciter stator

with permanent magnets imbedded in the main exciter stator, assures generator starting process (residual voltage) without the need of flashing or external power supply.

### Auxiliary winding

for voltage regulator power supply without the need of a traditional PMG. Maintain 300% of short circuit current for up to 10s.

## Technical Features

- Power: up to 4200 kVA
- 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, IP44, IP44W, 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 190/208/220/240/380/440/480 V in 60 Hz and 190/208/220/230/380/400 V in 50 Hz.
- 2) Three-phase generators with 12 leads can be reconnected to supply single-phase voltages from 110 to 480 V.

## Operating Conditions

### Altitude

Rated power refers to installations up to 1000 m.a.s.l. on applications in higher altitudes the following correction factor must be applied to the output:

Altitude (m.a.s.l.)	1000	1500	2000	2500	3000
K Factor	1	0.94	0.9	0.85	0.8

### Ambient temperature

Rated power refers to installations with maximum ambient temperature of 40°C. For applications with ambient temperature other than 40°C, apply the following output correction factor:

Ambient temperature (°C)	30	35	40	45	50	55
K Factor	1	1	1	0.94	0.89	0.85

### Abrasive dust

Additional protections are recommended if the generator is to be used in environments where abrasive dust may enter through ventilation.

Although the generator coils are protected against abrasive environments, severe conditions may require additional protection such as: deflectors, closed cabinets, filters or other suitable protection. Contact WEG for recommendations.

### Marine environments

Generators are manufactured with an additional protection over all windings (main stator/rotor and excitation) for marine environments or naval applications.

### Outdoor applications (weather-exposed)

In all outdoor applications the generators must be protected and still maintain adequate openings for ventilation. This protection must be designed in such a way as to prevent the generator of being directly exposed to rain, snow or dust. The use of space heaters is recommended depending on the location and application. Contact WEG for recommendations about required protections.

## Duty Cycle

### S1 / Continuous / Prime duty

The generator operates at rated power levels during unlimited periods of time with up to 10% overloading during 1 hour every 12 hours or 2 hours every 24 hours without causing any damage to its insulation system.

The continuous or prime duty is mostly applied where no other source of power is available such as: rental units, irrigation units, refrigeration, co-generation, peak shaving applications, etc. Temperature rise for continuous duty are typically 125°C, 105°C or 80°C over 40°C ambient.

### Stand-by duty (ambient temperature of 40°C)

The generator operates as a backup, with variable loads during emergency situations in locations where the main source of power is off. In this duty cycle the generator will not allow overloads and will operate with variable loads up to its maximum rated power level for the stand-by duty at 40°C ambient. The maximum allowed winding temperature is 150°C (per Nema MG-1 and IEC 34 standards), however under these conditions the generator's expected life will be reduced 2 to 6 times. The usage of the generator in stand-by duties is limited to 500 hours per year.

### Stand-by duty (ambient temperature of 27°C)

This condition is similar to the 150°C temperature rise over 40°C ambient described previously. However the maximum ambient temperature is now 27°C. In this application the generator can supply higher power levels at temperature rise of 163°C. The main application remains in emergency as a back-up for the main source as well as limited to 300 hours per year of operation.

## WARRANTY

WEG warranty for continuous duty generators covers manufacturing or material defects for a period of 12 months starting from the invoice issue date (shipping), or 12 months starting from the WEG distributor or retailer's invoice issue date, limited to 18 months from the date of manufacturing. For stand by duty the warranty is limited to 24 months from invoice issue date (shipping) or 30 months from manufacturing date.

## Voltage Regulators

Designed to achieve optimal performance due to its refined engineering and rigorous component selection, the voltage regulators are encapsulated and able to withstand high vibration levels when installed inside the main terminal box. Its performance has been proved in the most variety of applications and environmental conditions.

### Applications and technical features

MODEL	Voltage Regulator			
	WRGA-01	GRT7-TH4 R2 5A E9	GRT7-TH4 R2 7A E9	WRGA-02/D
GTA 16	Std.	OIP	OIP	-
GSA 16	-	OIP	OIP	-
GTA 20	Std.	Opt.	Opt.	-
GSA 20	-	Opt.	Opt.	Opt.
GPA 20	-	-	-	Std.
GTA 25	-	Std.	Opt.	-
GSA 25	-	Opt.	Opt.	Opt.
GPA 25	-	-	-	Std.
GTA 31	-	Std.	Opt.	-
GSA 31	-	Opt.	Opt.	Opt.
GPA 31	-	-	-	Std.
GTA 35	-	Std.	Opt.	-
GSA 35	-	Opt.	Opt.	Opt.
GPA 35	-	-	-	Std.
GTA 40	-	-	Std.	-
GSA 40	-	-	Opt.	-
GPA 40	-	-	-	-
GTA 45	-	-	Std.	-
GSA 45	-	-	Opt.	-
GPA 45	-	-	-	-
GTA 50	-	-	Std.	-
GSA 50	-	-	Opt.	-
GPA 50	-	-	-	-
GTA 56	-	-	Std.	-
GSA 56	-	-	Opt.	-
GPA 56	-	-	-	-
Technical Features (1)				
Power supply connection	single-phase	single-phase	single-phase	three-phase
Sensing voltage connection	single-phase	single-phase	single-phase	three-phase
Rated Current [A]	7	5	7	5
Pick current (máx 10s) [A]	10	7	10	7
Analogic input +/- 9 Vcc	-	Std.	Std.	-
Analogic input 0 up to 10 Vcc	-	Opt.	Opt.	Std.
Digital input	-	Opt.	Opt.	Std.
Droop adjustment for parallel operation	-	Std.	Std.	Std.
Static regulation	0.5%	0.5%	0.5%	0.5%
Adjustable dynamic answer	8 to 500 ms	8 to 500 ms	8 to 500 ms	8 to 500 ms
Under frequency protection (U/F)	Std.	Std.	Std.	Std.
Internal voltage adjustment	+/-15%	+/-15%	+/-15%	+/-15%
External voltage adjustment	+/-10%	+/-15%	+/-15%	+/-15%
External CT for parallelism	-	5A	5A	5A
EMI supression	Std.	Std.	Std.	Std.

CAPTION

Std STANDARD

Opt OPTIONAL

OIP OPTIONAL ONLY FOR PANEL INSTALLATION

(1) Technical features of the standard regulators. Optional features can be requested.

For other technical features, please contact WEG.



## Manufacturing Processes

### Manufacturing resources

WEG has the latest generation of equipments, which are used in all steps of the manufacturing processes, since casting and sheet metal stamping up to enamel of wires and packaging, becoming in efficient products with proven quality.

### Machining

WEG has a shaft machining center and a casting machining center where the highest manufacturing process standards are employed to ensure quality and precision of all fabricated components.

### Impregnation

Developed using state of the art technology, trickling process impregnation system is used by WEG as a standard for low voltage windings assuring perfect insulation and protection. Aside from impregnation, the stator windings are coated with a protective paint as an additional anti-fungus/salty environment protection.

### Dynamic balancing

The rotating part (rotor) is dynamically balanced with a superior degree as required by IEC 60034.14 or ISO 2372 standards, assuring minimal levels of residual imbalance.

### Construction

WEG generators are built in compliance with NBR5117, VDE0530 – part 1, IEC 60034.1, NEMA MG-1 and other standards. By using the best quality standards and practices during the manufacturing process, safe operation and high strength are achieved as a result.

Usual mounting types:

- Single bearing with coupling flange and flexible discs: B15T
- Two bearing with flange coupling: B35T
- Two bearing with keyed-shaft: B3T



Stamping



Shaft machining



Balancing



Impregnation



Machining



Wire manufacturing

### Standard protection degree

Generators are mechanically protected against finger touch, solid objects with diameter over 12mm and against vertical water dripping, IP 21 degree of protection per IEC 60034-5. The automatic voltage regulator has a U/F function that if enabled (standard), protects the generator against operation at speeds below safe levels reducing its excitation. A fuse in the junction box or in the voltage regulator protects the generator auxiliary winding against several abnormal situations which might occur during operation, such as:

- Loss of reference/sensing;
- Short-circuited auxiliary winding connection;
- Short-circuited output regulator connection;
- Low speed operation;
- Damages to the voltage regulator.

### Excitation with auxiliary winding and magnets imbedded in main stator exciter

A special feature of WEG generators is the auxiliary winding with magnets excitation system which assures rapid response, optimum stability, short-circuit current maintenance, up to 300% per 10 seconds residual voltage and quick voltage build up process, and excellent starting performance for motor starting.

The auxiliary winding is responsible to power the voltage regulator, independently from generator output leads voltage or load variations during operation.

The auxiliary winding is available as a standard feature for the complete power range of the G Plus line of generators (low voltage and 4 pole).

The main exciter stator has permanent magnets, which ensures the machine's residual voltage requiring no need for field flashing after long times without operation.

Performance of this system is for the most part equal or similar to a traditional PMG. Please consult WEG for technical details whenever needed.

### PMG excitation

Aside from the standard system, the WEG generator product range offers the use of an auxiliary exciter with permanent magnets (PMG) as an optional feature (change of AVR is required).

### Accessories / Specialties

Depending on the need or specification, optional accessories are available which allow a greater flexibility for all applications, such as:

- Temperature detectors
- Space heaters
- Current transformers
- B35T (two bearings with flange)
- Auxiliary exciter (PMG)
- IP23, IP23W, IP44, IP44W, IP54, IP54W, IP55 and IP55W, protection
- Special painting (color and/or painting plan).



Tests



Assembly

## Nomenclature

	G	T	A	16	1	A	I	SR
<b>GENERATOR LINE</b>								
G - Synchronous machine – G plus line								
<b>EXCITER CHARACTERISTICS</b>								
T - Brushless generator with auxiliary winding and magnets in exciter								
P - Brushless generator with auxiliary exciter (PMG)								
S - Brushless generator without both auxiliary coil and auxiliary exciter								
M - Brushless generator with permanent magnet main rotor								
<b>COOLING TYPE</b>								
A - Open self-ventilated (standard)								
F - Enclosed with air-to-air heat exchanger (on enquiry)								
W - Enclosed with air-to-water heat exchanger (on enquiry)								
K - Totally enclosed with fins (on enquiry)								
<b>FRAME - IEC</b>								
16 - Frame 160								
20 - Frame 200 ...								
<b>FRAME LENGTH</b>								
1 - Short frame								
2 - Medium frame								
3 - Long frame								
<b>VOLTAGE</b>								
A - Three-phase – 12 leads – 480/240V – 440/220V – 380/190V – 208V (60Hz) 400/200V – 380/220/190V (50Hz)								
B - Three-phase – 6 leads – 220V/60Hz – 190V/50Hz								
C - Three-phase – 6 leads – 380V/60Hz								
D - Three-phase – 6 leads – 440V/60Hz – 380V/50Hz								
E - Three-phase – 6 leads – 480V/60Hz – 400V/50Hz								
F - Three-phase – 6 leads – 600V/60Hz or 575V/60Hz								
G - Three-phase – 6 leads – 208V/60Hz								
H - Three-phase – 6 leads – 415V/50Hz								
I - Three-phase – 6 leads – 2300V/60Hz								
J - Three-phase – 6 leads – 4160V/60Hz								
K - Three-phase – 6 leads – 6600V/60Hz								
L - Three-phase – 6 leads – 13800V/60Hz								
M - Three-phase – 6 leads – 3300V/50Hz								
N - Three-phase – 6 leads – 6000V/50Hz								
O - Three-phase – 6 leads – 11000V/50Hz								
Z - Other voltage								
<b>APPLICATION</b>								
I - Industrial								
M - Marine								
T - Telecommunication								
N - Naval								
E - Special								
<b>COMPLEMENTARY CODE</b>								
Code relative to the generator output								



480 / 240V (60Hz)  
440 / 220V (60Hz)  
380 / 190V (60Hz)  
0.8 P.F./ Insulation class H

# Low Voltage / 12 leads / 4 poles

MODEL		480V - Y						440V - Y					380V - Y				
		240V - YY						220V - YY					190V - YY				
		ΔT	80°C	105°C	125°C	150°C	163°C	80°C	105°C	125°C	150°C	163°C	80°C	105°C	125°C	150°C	163°C
GTA161AISR	kVA	12.3	14.1	15.4	15.9	15.9	11.0	12.6	13.7	14.7	15.3	10.1	11.6	12.6	13.5	14.0	
	kW	9.8	11.3	12.3	12.7	12.7	8.8	10.1	11.0	11.8	12.2	8.1	9.3	10.1	10.8	11.2	
GTA161AIHS	kVA	14.6	16.8	18.3	19.6	20.3	14.0	16.0	17.5	18.7	20.0	12.0	13.7	14.9	16.0	16.6	
	kW	11.7	13.4	14.6	15.7	16.2	11.2	12.8	14.0	15.0	16.0	9.6	11.0	11.9	12.8	13.3	
GTA161AIHH	kVA	16.9	19.4	21.1	22.6	23.5	15.5	17.7	19.3	20.7	21.5	13.2	15.1	16.5	17.6	18.3	
	kW	13.5	15.5	16.9	18.1	18.8	12.4	14.2	15.4	16.6	17.2	10.6	12.1	13.2	14.1	14.6	
GTA161AIHI	kVA	20.8	23.8	26.0	28.5	29.7	20.2	23.2	25.3	27.1	28.1	15.9	18.2	19.9	21.3	22.1	
	kW	16.6	19.0	20.8	22.8	23.8	16.2	18.6	20.2	21.7	22.5	12.7	14.6	15.9	17.0	17.7	
GTA161AIHJ	kVA	21.8	25.0	27.3	30.0	31.1	20.1	23.0	27.0	28.0	29.0	17.7	20.3	23.0	25.0	26.0	
	kW	17.4	20.0	21.8	24.0	24.9	16.1	18.4	21.6	22.4	23.2	14.2	16.2	18.4	20.0	20.8	
GTA162AIVD	kVA	25.9	29.7	42.0	44.0	46.0	29.4	33.7	42.0	44.0	46.0	25.4	29.1	40.0	40.0	42.0	
	kW	20.7	23.8	33.6	35.2	36.8	23.5	27.0	33.6	35.2	36.8	20.3	23.3	32.0	32.0	33.6	
GTA201AIHS	kVA	43.4	49.7	54.3	59.5	62.0	40.8	46.7	51.0	55.8	58.2	35.2	40.3	44.0	48.2	50.2	
	kW	34.7	39.8	43.4	47.6	49.6	32.6	37.4	40.8	44.6	46.6	28.2	32.2	35.2	38.6	40.2	
GTA201AIHV	kVA	56.4	64.6	70.5	77.2	81.0	54.5	62.4	68.1	72.8	75.7	47.3	54.2	59.1	63.2	71.0	
	kW	45.1	51.7	56.4	61.8	64.8	43.6	49.9	54.5	58.2	60.6	37.8	43.4	47.3	50.6	56.8	
GTA201AIHB	kVA	68.5	78.5	85.6	92.2	92.2	60.4	69.2	75.5	80.7	85.0	56.8	65.1	71.0	75.9	78.9	
	kW	54.8	62.8	68.5	73.8	73.8	48.3	55.4	60.4	64.6	68.0	45.4	52.1	56.8	60.7	63.1	
GTA201AIHE	kVA	66.1	75.7	88.0	95.0	97.0	66.0	75.6	88.0	95.0	97.0	62.1	71.2	80.0	83.0	86.4	
	kW	52.9	60.6	70.4	76.0	77.6	52.8	60.5	70.4	76.0	77.6	49.7	57.0	64.0	66.4	69.1	
GTA202AIVJ	kVA	107.2	122.8	141.0	144.0	150.0	105.4	120.7	141.0	144.0	150.0	93.8	107.5	123.0	129.0	136.0	
	kW	85.8	98.2	112.8	115.2	120.0	84.3	96.6	112.8	115.2	120.0	75.0	86.0	98.4	103.2	108.8	
GTA251AIHD	kVA	140	161	175	188	189	137	157	171	183	190	110	127	142	149	156	
	kW	112	129	140	150	151	110	126	137	146	152	88	102	114	119	125	
GTA251AIHE	kVA	180	206	225	243	252	171	196	214	230	240	154	176	192	205	214	
	kW	144	165	180	194	202	137	157	171	184	192	123	141	154	164	171	
GTA252AIVB	kVA	206	236	258	275	290	186	213	233	250	260	164	188	205	219	230	
	kW	165	189	206	220	232	149	170	186	200	208	131	150	164	175	184	
GTA252AIHI	kVA	249	285	312	336	349	234	268	292	313	325	205	235	256	274	285	
	kW	199	228	250	269	279	187	214	234	250	260	164	188	205	219	228	
GTA252AIIR	kVA	292	334	365	390	405	282	324	353	377	393	238	273	297	318	331	
	kW	234	267	292	312	324	226	259	282	302	314	190	218	238	254	265	
GTA311AIVS	kVA	321	368	401	440	463	337	386	421	450	468	295	338	369	395	410	
	kW	257	294	321	352	370	270	309	337	360	374	236	270	295	316	328	
GTA311AIVI	kVA	377	432	472	517	538	375	430	469	514	535	344	394	430	459	478	
	kW	302	346	378	414	430	300	344	375	411	428	275	315	344	367	382	
GTA311AIHH	kVA	442	507	553	605	631	446	511	557	610	636	413	474	517	564	587	
	kW	354	406	442	484	505	357	409	446	488	509	330	379	414	451	470	
GTA312AIIB	kVA	555	636	694	742	771	520	596	650	695	723	453	518	566	620	650	
	kW	444	509	555	594	617	416	477	520	556	578	362	414	453	496	520	
GTA312AIIG	kVA	481	551	601	658	686	534	612	668	714	757	499	571	623	666	693	
	kW	385	441	481	526	549	427	490	534	571	606	399	457	498	533	554	
GTA312AIDI	kVA	643	736	803	875	906	591	678	750	813	844	556	637	694	755	785	
	kW	514	589	642	700	725	473	542	600	650	675	445	510	555	604	628	
GTA352AIDV	kVA	766	885	990	995	1050	707	816	913	923	963	608	703	786	823	858	
	kW	613	708	792	796	840	566	653	730	738	770	486	562	629	658	686	
GTA352AIDE	kVA	805	930	1040	1085	1150	741	855	957	1000	1055	639	737	825	863	899	
	kW	644	744	832	868	920	593	684	766	800	844	511	590	660	690	719	
GTA401AIHB	kVA	960	1109	1240	1305	1370	883	1019	1140	1200	1260	741	855	957	1000	1044	
	kW	768	887	992	1044	1096	706	815	912	960	1008	593	684	766	800	835	
GTA401AIHE	kVA	1053	1216	1360	1380	1430	968	1118	1250	1265	1319	821	948	1061	1110	1158	
	kW	842	973	1088	1104	1144	774	894	1000	1012	1055	657	758	849	888	926	
GTA403AIVD	kVA	1161	1341	1500	1580	1650	1068	1234	1380	1450	1515	911	1052	1177	1231	1284	
	kW	929	1073	1200	1264	1320	854	987	1104	1160	1212	729	842	942	985	1027	
GTA403AIVB	kVA	1270	1466	1640	1715	1800	1165	1346	1505	1575	1656	954	1101	1232	1289	1344	
	kW	1016	1173	1312	1372	1440	932	1077	1204	1260	1325	763	881	986	1031	1075	

-  $\Delta T = 163^{\circ}\text{C}$ , ambient temperature =  $27^{\circ}\text{C}$ . Furthermore  $\Delta T$ , ambient temperature =  $40^{\circ}\text{C}$   
- Altitude 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

600-575V (60Hz)

346-331V(60Hz)

0.8 P.F. / Insulation Class H

Low Voltage / 6 leads / 4 poles

MODEL	600V - Y									
	346V - 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
GTA201FIHS	41.0	32.8	47.0	37.6	51.0	40.8	56.0	44.8	58.0	46.4
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
GTA252FIHI	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
GTA311FIH	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
GTA351FITV	628	502	726	581	812	650	861	689	898	718
GTA352FITE	707	566	816	653	913	730	923	738	1000	800
GTA352FIKV	741	593	855	684	957	766	1000	800	1055	844
GTA352FIKZ	774	619	894	715	1000	800	1046	837	1098	878
GTA352FIWS	813	650	939	751	1050	840	1098	878	1145	916
GTA352FIZS	883	706	1019	815	1140	912	1200	960	1260	1008
GTA352FIYS	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
GTA561FIVH	2664	2131	3076	2461	3440	2752	3595	2876	3750	3000
GTA561FIVI	2982	2386	3443	2754	3850	3080	4025	3220	4200	3360

-  $\Delta T = 163^{\circ}\text{C}$ , ambient temperature =  $27^{\circ}\text{C}$ . Furthermore  $\Delta T$ , ambient temperature =  $40^{\circ}\text{C}$ 

- Altitude 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

400-200V (50Hz)  
380-190V (50Hz)  
0.8 P.F. / Insulation Class H

### Low Voltage / 12 leads / 4 poles

MODEL		400V - Y					380V - Y				
		200V - YY					190V - YY				
		ΔT	80°C	105°C	125°C	150°C	163°C	80°C	105°C	125°C	150°C
GTA161AISR	kVA	8.9	10.2	11.1	11.1	12.0	9.6	11.0	12.0	12.2	12.2
	kW	7.1	8.2	8.9	8.9	9.6	7.7	8.8	9.6	9.8	9.8
GTA161AIHS	kVA	11.7	13.5	14.7	16.1	16.3	11.1	12.7	14.0	14.8	15.4
	kW	9.4	10.8	11.8	12.9	13.0	8.9	10.2	11.2	11.8	12.3
GTA161AIHH	kVA	12.8	14.7	16.0	17.1	17.8	12.7	14.5	16.0	16.9	17.6
	kW	10.2	11.8	12.8	13.7	14.2	10.2	11.6	12.8	13.5	14.1
GTA161AIHI	kVA	14.8	17.0	19.0	20.3	21.1	14.8	17.0	19.0	19.8	20.6
	kW	11.8	13.6	15.2	16.2	16.9	11.8	13.6	15.2	15.8	16.5
GTA161AIHJ	kVA	15.9	18.3	23.0	24.0	25.0	16.3	18.6	23.0	24.0	25.0
	kW	12.7	14.6	18.4	19.2	20.0	13.0	14.9	18.4	19.2	20.0
GTA162AIVD	kVA	21.3	24.4	31.0	31.0	32.0	23.0	26.3	31.0	31.5	32.8
	kW	17.0	19.5	24.8	24.8	25.6	18.4	21.0	24.8	25.2	26.2
GTA201AIHS	kVA	34.6	39.6	43.3	47.4	49.4	32.9	37.7	41.1	45.1	47.0
	kW	27.7	31.7	34.6	37.9	39.5	26.3	30.2	32.9	36.1	37.6
GTA201AIHV	kVA	42.4	48.6	53.0	57.5	57.5	43.7	50.0	54.6	58.4	60.7
	kW	33.9	38.9	42.4	46.0	46.0	35.0	40.0	43.7	46.7	48.6
GTA201AIHB	kVA	48.0	52.7	60.0	62.0	63.0	51.6	59.1	64.5	68.4	68.4
	kW	38.4	42.2	48.0	49.6	50.4	41.3	47.3	51.6	54.7	54.7
GTA201AIHE	kVA	55.1	63.1	75.0	75.5	80.0	60.0	68.6	75.0	82.0	85.5
	kW	44.1	50.5	60.0	60.4	64.0	48.0	54.9	60.0	65.6	68.4
GTA202AIVJ	kVA	80.3	91.5	106.0	106.0	109.0	80.0	91.5	106.0	106.7	109.0
	kW	64.2	73.2	84.8	84.8	87.2	64.0	73.2	84.8	85.4	87.2
GTA251AIHD	kVA	110	126	140	151	158	112	128	140	150	156
	kW	88	101	112	121	126	90	102	112	120	125
GTA251AIHE	kVA	143	164	180	196	196	128	147	160	165	170
	kW	114	131	144	157	157	102	118	128	132	136
GTA252AIVB	kVA	165	189	206	220	229	173	198	216	231	240
	kW	132	151	165	176	183	138	158	173	185	192
GTA252AIII	kVA	180	206	225	250	253	199	228	250	266	277
	kW	144	165	180	200	202	159	182	200	213	221
GTA252AIIR	kVA	225	258	282	304	304	223	255	278	289	289
	kW	180	206	226	243	243	178	204	223	231	231
GTA311AIVS	kVA	246	282	308	337	352	253	289	316	346	361
	kW	197	226	246	270	282	202	232	253	277	288
GTA311AIVI	kVA	278	319	350	381	397	310	355	388	421	440
	kW	222	255	280	305	318	248	284	310	337	352
GTA311AIIH	kVA	323	370	403	442	460	322	369	403	441	460
	kW	258	296	322	354	368	258	295	322	353	368
GTA312AIIB	kVA	431	493	538	590	615	420	481	525	575	599
	kW	345	394	430	472	492	336	385	420	460	479
GTA312AIIG	kVA	338	387	468	508	514	434	497	543	580	594
	kW	270	310	374	406	411	347	398	434	464	475
GTA312AIDI	kVA	491	563	625	673	701	507	581	634	678	705
	kW	393	450	500	538	561	406	465	507	542	564
GTA352AIDV	kVA	633	731	818	850	890	584	674	754	758	791
	kW	506	585	654	680	712	467	539	603	606	633
GTA352AIDE	kVA	663	766	856	860	901	610	704	788	793	827
	kW	530	613	685	688	721	488	563	630	634	662
GTA401AIHB	kVA	769	888	993	1040	1083	707	816	913	956	996
	kW	615	710	794	832	866	566	653	730	765	797
GTA401AIHE	kVA	833	963	1077	1130	1171	766	885	990	1036	1080
	kW	667	770	862	904	937	613	708	792	829	864
GTA403AIVD	kVA	926	1068	1196	1254	1307	852	983	1100	1151	1200
	kW	741	855	957	1003	1046	682	786	880	921	960
GTA403AIVE	kVA	1003	1157	1295	1353	1409	920	1062	1188	1243	1296
	kW	802	925	1036	1083	1127	736	850	950	994	1037

-  $\Delta T = 163^{\circ}\text{C}$ , ambient temperature =  $27^{\circ}\text{C}$ . Furthermore  $\Delta T$ , ambient temperature =  $40^{\circ}\text{C}$   
- Altitude 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

415 / 240V (50Hz)

0.8 P.F. / Insulation class H

Low Voltage / 6 leads / 4 poles

MODEL	415V - Y									
	240V - Δ									
	80°C		105°C		125°C		150°C		163°C	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW	kVA	kW
GTA161HISR	9.1	7.3	10.4	8.3	11.3	9.0	12.2	9.8	12.6	10.1
GTA161HIHS	11.6	9.3	13.2	10.6	14.5	11.6	15.5	12.4	16.6	13.3
GTA161HIHH	12.8	10.2	14.6	11.7	16.0	12.8	17.1	13.7	17.8	14.2
GTA161HIHI	16.7	13.4	19.2	15.4	20.9	16.7	22.4	17.9	23.3	18.6
GTA161HIHJ	16.6	13.3	19.0	15.2	22.4	17.9	23.2	18.6	24.0	19.2
GTA162HIVD	24.4	19.5	27.9	22.3	34.8	27.8	36.5	29.2	38.1	30.5
GTA201HIHS	34.0	27.2	39.0	31.2	43.0	34.4	47.0	37.6	49.0	39.2
GTA201HIHV	45.2	36.2	51.7	41.4	56.5	45.2	60.4	48.3	62.8	50.2
GTA201HIHB	50.1	40.1	57.4	45.9	62.6	50.1	66.9	53.5	70.5	56.4
GTA201HIHE	54.7	43.8	62.7	50.2	73.0	58.4	78.8	63.0	80.5	64.4
GTA202HIVJ	87.4	69.9	100.1	80.1	117.0	93.6	119.5	95.6	124.5	99.6
GTA251HIHD	113	90	130	104	141	113	151	121	157	126
GTA251HIHE	141	113	162	130	177	142	190	152	199	159
GTA252HIVB	154	123	176	141	193	154	207	166	215	172
GTA252HIII	194	155	222	178	242	194	259	207	269	215
GTA252HIIR	234	187	268	214	292	234	312	250	326	261
GTA311HIVS	279	223	320	256	349	279	373	298	388	310
GTA311HIVI	311	249	356	285	389	311	426	341	444	355
GTA311HIHH	370	296	424	339	462	370	506	405	527	422
GTA312HIIB	431	345	494	395	539	431	576	461	600	480
GTA312HIIG	443	354	507	406	554	443	592	474	628	502
GTA312HIDI	490	392	562	450	625	500	674	539	700	560
GTA351HITV	521	417	602	482	673	538	714	571	745	596
GTA352HITE	586	469	677	542	757	606	766	613	830	664
GTA352HIKV	615	492	709	567	794	635	830	664	875	700
GTA352HIKZ	642	514	742	594	830	664	868	694	911	729
GTA352HIWS	674	539	779	623	871	697	911	729	950	760
GTA352HIZS	732	586	845	676	946	757	996	797	1045	836
GTA352HIYS	803	642	927	742	1037	830	1049	839	1094	875
GTA402HIHR	886	709	1024	819	1145	916	1203	962	1257	1006
GTA402HIVS	966	773	1117	894	1249	999	1307	1046	1374	1099
GTA403HIVD	1021	817	1180	944	1319	1055	1390	1112	1440	1152
GTA403HIVJ	1105	884	1276	1021	1427	1142	1535	1228	1611	1289
GTA403HIXD	1189	951	1372	1098	1535	1228	1619	1295	1693	1354
GTA451HIHG	1325	1060	1531	1225	1712	1370	1816	1453	1915	1532
GTA451HIVS	1414	1131	1632	1306	1826	1461	1919	1535	2025	1620
GTA501HIHJ	1555	1244	1796	1437	2008	1606	2075	1660	2189	1751
GTA501HIVI	1767	1414	2040	1632	2282	1826	2386	1909	2490	1992
GTA501HIVB	1987	1590	2295	1836	2567	2054	2687	2150	2801	2241
GTA561HIVH	2211	1769	2553	2042	2855	2284	2983	2386	3112	2490
GTA561HIVI	2475	1980	2857	2286	3195	2556	3340	2672	3486	2789

-  $\Delta T = 163^{\circ}\text{C}$ , ambient temperature =  $27^{\circ}\text{C}$ . Furthermore  $\Delta T$ , ambient temperature =  $40^{\circ}\text{C}$ 

- Altitude 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



220V (60Hz)

190V (50Hz)

0.8 P.F. / Insulation class H

**Low Voltage / 6 leads / 4 poles**

MODEL	$\Delta T$	60Hz					50Hz				
		220V - Y					190V - Y				
		80°C	105°C	125°C	150°C	163°C	80°C	105°C	125°C	150°C	163°C
GTA351BIKV	kVA	707	816	<b>913</b>	923	1000	589	680	<b>761</b>	769	833
	kW	566	653	<b>730</b>	738	800	471	544	<b>609</b>	615	666
GTA352BIKZ	kVA	741	855	<b>957</b>	1000	1055	618	713	<b>798</b>	833	879
	kW	593	684	<b>766</b>	800	844	494	570	<b>638</b>	666	703
GTA352BIKE	kVA	883	1019	<b>1140</b>	1200	1260	736	849	<b>950</b>	1000	1050
	kW	706	815	<b>912</b>	960	1008	589	679	<b>760</b>	800	840
GTA401BIHE	kVA	968	1118	<b>1250</b>	1265	1319	807	932	<b>1042</b>	1054	1099
	kW	774	894	<b>1000</b>	1012	1055	646	746	<b>834</b>	843	879
GTA403BIVD	kVA	1068	1234	<b>1380</b>	1450	1515	890	1028	<b>1150</b>	1208	1263
	kW	854	987	<b>1104</b>	1160	1212	712	822	<b>920</b>	966	1010
GTA403BIVB	kVA	1165	1346	<b>1505</b>	1575	1656	971	1122	<b>1254</b>	1313	1380
	kW	932	1077	<b>1204</b>	1260	1325	777	898	<b>1003</b>	1050	1104

-  $\Delta T = 163^{\circ}\text{C}$ , ambient temperature =  $27^{\circ}\text{C}$ . Furthermore  $\Delta T$ , ambient temperature =  $40^{\circ}\text{C}$   
 - Altitude 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

380 / 220V (60Hz)

0.8 P.F. / Insulation class H

Low Voltage / 6 leads / 4 poles

MODEL	380V - Y					
	220V - Δ					
	ΔT	80°C	105°C	125°C	150°C	163°C
GTA201CIHV	kVA	54.5	62.4	68.1	72.8	75.7
	kW	43.6	49.9	54.5	58.2	60.6
GTA201CIHB	kVA	60.4	69.2	75.5	80.7	85
	kW	48.3	55.4	60.4	64.6	68
GTA201CIHE	kVA	66	75.6	88	95	97
	kW	52.8	60.5	70.4	76	77.6
GTA202CIVJ	kVA	105.4	120.7	141	144	150
	kW	84.3	96.6	112.8	115.2	120
GTA251CIHD	kVA	137	157	171	183	190
	kW	109	125	137	146	152
GTA251CIHE	kVA	171	196	214	230	240
	kW	137	157	171	184	192
GTA252CIVB	kVA	186	213	233	250	260
	kW	149	171	186	200	208
GTA252CIII	kVA	234	268	292	313	325
	kW	187	214	234	250	260
GTA252CIIR	kVA	282	324	353	377	393
	kW	226	259	282	302	314
GTA311CIVS	kVA	337	386	421	450	468
	kW	269	308	337	360	374
GTA311CIVI	kVA	375	430	469	514	535
	kW	300	344	375	411	428
GTA311CIH	kVA	446	511	557	610	636
	kW	356	408	446	488	509
GTA312CIIB	kVA	520	596	650	695	723
	kW	416	477	520	556	578
GTA312CIIG	kVA	534	612	668	714	757
	kW	427	490	534	571	606
GTA312CIDI	kVA	591	678	750	813	844
	kW	473	542	600	650	675
GTA351CITV	kVA	628	726	812	861	898
	kW	502	581	650	689	718
GTA351CITE	kVA	707	816	913	923	1000
	kW	566	653	730	738	800
GTA352CIKV	kVA	741	855	957	1000	1055
	kW	593	684	766	800	844
GTA352CIKZ	kVA	774	894	1000	1046	1098
	kW	619	715	800	837	878
GTA352CIWS	kVA	813	939	1050	1098	1145
	kW	650	751	840	878	916
GTA352CIZS	kVA	883	1019	1140	1200	1260
	kW	706	815	912	960	1008
GTA352CIYS	kVA	968	1118	1250	1265	1319
	kW	774	894	1000	1012	1055
GTA402CIHR	kVA	1068	1234	1380	1450	1515
	kW	854	987	1104	1160	1212
GTA402CIVS	kVA	1165	1346	1505	1575	1656
	kW	932	1077	1204	1260	1325
GTA403CIVD	kVA	1231	1422	1590	1675	1735
	kW	985	1138	1272	1340	1388
GTA403CIVJ	kVA	1332	1538	1720	1850	1941
	kW	1066	1230	1376	1480	1553
GTA403CIXD	kVA	1433	1654	1850	1951	2040
	kW	1146	1323	1480	1561	1632
GTA403CIXJ	kVA	1440	1663	1860	1961	2050
	kW	1152	1330	1488	1569	1640
GTA451CIVS	kVA	1597	1845	2063	2188	2308
	kW	1278	1476	1650	1750	1846
GTA452CIVV	kVA	1704	1967	2200	2313	2440
	kW	1363	1574	1760	1850	1952
GTA501CIHR	kVA	1874	2164	2420	2500	2638
	kW	1499	1731	1936	2000	2110
GTA501CIVV	kVA	2130	2459	2750	2875	3000
	kW	1704	1967	2200	2300	2400

- ΔT = 163°C, ambient temperature = 27°C. Furthermore ΔT, ambient temperature = 40°C

- Altitude 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

440 / 254V (60Hz)  
380 / 220V (50Hz)  
0.8 P.F. / Insulation class H

Low Voltage / 6 leads / 4 poles

MODEL		60Hz					50Hz				
		440V - Y					380V - Y				
		254V - Δ					220V - Δ				
		ΔT	80°C	105°C	125°C	150°C	163°C	80°C	105°C	125°C	150°C
GTA351DITV	kVA	628	726	812	861	898	508	587	657	662	690
	kW	502	581	650	689	718	406	470	526	530	552
GTA351DITE	kVA	707	816	913	923	1000	584	674	754	758	791
	kW	566	653	730	738	800	467	539	603	606	633
GTA352DIKV	kVA	741	855	957	1000	1055	610	704	788	793	827
	kW	593	684	766	800	844	488	563	630	634	662
GTA352DIKZ	kVA	774	894	1000	1046	1098	639	737	825	863	900
	kW	619	715	800	837	878	511	590	660	690	720
GTA352DIWS	kVA	813	939	1050	1098	1145	658	760	850	883	920
	kW	650	751	840	878	916	526	608	680	706	736
GTA352DIZS	kVA	883	1019	1140	1200	1260	729	842	942	949	989
	kW	706	815	912	960	1008	583	674	754	759	791
GTA352DIYS	kVA	968	1118	1250	1265	1319	787	909	1017	1024	1068
	kW	774	894	1000	1012	1055	630	727	814	819	854
GTA402DIHR	kVA	1068	1234	1380	1450	1515	848	979	1095	1100	1150
	kW	854	987	1104	1160	1212	678	783	876	880	920
GTA402DIVS	kVA	1165	1346	1505	1575	1656	937	1082	1210	1219	1271
	kW	932	1077	1204	1260	1325	750	866	968	975	1017
GTA403DIVD	kVA	1231	1422	1590	1675	1735	1018	1176	1315	1324	1380
	kW	985	1138	1272	1340	1388	814	941	1052	1059	1104
GTA403DIVJ	kVA	1278	1475	1650	1726	1800	1105	1276	1427	1478	1551
	kW	1022	1180	1320	1381	1440	884	1021	1142	1182	1241
GTA403DIXD	kVA	1332	1538	1720	1850	1941	1232	1422	1591	1720	1800
	kW	1066	1230	1376	1480	1553	986	1138	1273	1376	1440
GTA403DIXJ	kVA	1433	1654	1850	1951	2050	N/A	N/A	N/A	N/A	N/A
	kW	1146	1323	1480	1561	1640	N/A	N/A	N/A	N/A	N/A
GTA451DIHG	kVA	1597	1845	2063	2188	2308	1346	1554	1738	1840	1932
	kW	1278	1476	1650	1750	1846	1077	1243	1390	1472	1546
GTA451DIVS	kVA	1704	1967	2200	2313	2440	1394	1609	1800	1850	1943
	kW	1363	1574	1760	1850	1952	1115	1287	1440	1480	1554
GTA501DIHJ	kVA	1874	2164	2420	2500	2638	1549	1788	2000	2100	2205
	kW	1499	1731	1936	2000	2110	1239	1430	1600	1680	1764
GTA501DIVI	kVA	2130	2459	2750	2875	3000	1746	2016	2255	2360	2460
	kW	1704	1967	2200	2300	2400	1397	1613	1804	1888	1968
GTA501DIVB	kVA	2395	2766	3093	3238	3375	1994	2303	2575	2690	2800
	kW	1916	2213	2474	2590	2700	1595	1842	2060	2152	2240

- ΔT = 163°C, ambient temperature = 27°C. Furthermore ΔT, ambient temperature = 40°C  
- Altitude 1000m a.s.l. (for all of generator duty)  
- N/A: not applicable  
- 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

480V (60Hz)

400V (50Hz)

0.8 P.F. / Insulation class H

Low Voltage / 6 leads / 4 poles

MODEL		60Hz					50Hz				
		480V - Y					400V - Y				
	ΔT	80°C	105°C	125°C	150°C	163°C	80°C	105°C	125°C	150°C	163°C
GTA351EITV	kVA	628	726	812	861	898	508	587	657	662	690
	kW	502	581	650	689	718	406	470	526	530	552
GTA351EITE	kVA	707	816	913	923	1000	584	674	754	758	791
	kW	566	653	730	738	800	467	539	603	606	633
GTA352EIKV	kVA	741	855	957	1000	1055	610	704	788	793	827
	kW	593	684	766	800	844	488	563	630	634	662
GTA352EIKZ	kVA	774	894	1000	1046	1098	639	737	825	863	900
	kW	619	715	800	837	878	511	590	660	690	720
GTA352EIWS	kVA	813	939	1050	1098	1145	658	760	850	883	920
	kW	650	751	840	878	916	526	608	680	706	736
GTA352EIZS	kVA	883	1019	1140	1200	1260	729	842	942	949	989
	kW	706	815	912	960	1008	583	674	754	759	791
GTA352EIYS	kVA	968	1118	1250	1265	1319	787	909	1017	1024	1068
	kW	774	894	1000	1012	1055	630	727	814	819	854
GTA402EIHR	kVA	1068	1234	1380	1450	1515	848	979	1095	1100	1150
	kW	854	987	1104	1160	1212	678	783	876	880	920
GTA402EIVS	kVA	1165	1346	1505	1575	1656	937	1082	1210	1219	1271
	kW	932	1077	1204	1260	1325	750	866	968	975	1017
GTA403EIVD	kVA	1231	1422	1590	1675	1735	1018	1176	1315	1324	1380
	kW	985	1138	1272	1340	1388	814	941	1052	1059	1104
GTA403EIVJ	kVA	1332	1538	1720	1850	1941	1105	1276	1427	1478	1551
	kW	1066	1230	1376	1480	1553	884	1021	1142	1182	1241
GTA403EIXD	kVA	1433	1654	1850	1951	2040	1232	1422	1591	1720	1800
	kW	1146	1323	1480	1561	1632	986	1138	1273	1376	1440
GTA451EIHG	kVA	1597	1845	2063	2188	2308	1346	1554	1738	1840	1932
	kW	1278	1476	1650	1750	1846	1077	1243	1390	1472	1546
GTA451EIVS	kVA	1704	1967	2200	2313	2440	1394	1609	1800	1850	1943
	kW	1363	1574	1760	1850	1952	1115	1287	1440	1480	1554
GTA501EIHJ	kVA	1874	2164	2420	2500	2638	1549	1788	2000	2100	2205
	kW	1499	1731	1936	2000	2110	1239	1430	1600	1680	1764
GTA501EIVI	kVA	2130	2459	2750	2875	3000	1746	2016	2255	2360	2460
	kW	1704	1967	2200	2300	2400	1397	1613	1804	1888	1968
GTA501EIVB	kVA	2395	2766	3093	3238	3375	1994	2303	2575	2690	2800
	kW	1916	2213	2474	2590	2700	1595	1842	2060	2152	2240
GTA561EIVH	kVA	2664	3076	3440	3595	3750	2215	2558	2860	2990	3120
	kW	2131	2461	2752	2876	3000	1772	2046	2288	2392	2496
GTA561EIVI	kVA	2982	3443	3850	4025	4200	2470	2853	3190	3335	3480
	kW	2386	2754	3080	3220	3360	1976	2282	2552	2668	2784

-  $\Delta T = 163^{\circ}\text{C}$ , ambient temperature =  $27^{\circ}\text{C}$ . Furthermore  $\Delta T$ , ambient temperature =  $40^{\circ}\text{C}$

- Altitude 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



480/440V (60Hz)  
0.8 P.F. / Insulation class H

### Low Voltage / 6 leads / 6 and 8 poles

FRAME	$\Delta T$	6 poles - 1200rpm					8 poles - 900rpm				
		480 - 440V - Y					480 - 440V - Y				
		80°C	105°C	125°C	150°C	163°C	80°C	105°C	125°C	150°C	163°C
400	kVA	686	786	<b>858</b>	940	980	422	484	<b>528</b>	578	603
	kW	549	629	<b>686</b>	752	784	338	387	<b>422</b>	463	482
	kVA	748	857	<b>935</b>	1024	1068	484	554	<b>605</b>	663	691
	kW	598	686	<b>748</b>	819	854	387	444	<b>484</b>	530	553
	kVA	880	1008	<b>1100</b>	1205	1256	572	655	<b>715</b>	783	816
	kW	704	807	<b>880</b>	964	1005	458	524	<b>572</b>	627	653
	kVA	N/A	N/A	<b>N/A</b>	N/A	N/A	704	807	<b>880</b>	964	1005
	kW	N/A	N/A	<b>N/A</b>	N/A	N/A	563	645	<b>704</b>	771	804
450	kVA	1100	1260	<b>1375</b>	1506	1570	766	877	<b>957</b>	1048	1093
	kW	880	1008	<b>1100</b>	1205	1256	612	702	<b>766</b>	839	874
	kVA	1276	1462	<b>1595</b>	1747	1821	880	1008	<b>1100</b>	1205	1256
	kW	1021	1169	<b>1276</b>	1398	1457	704	807	<b>880</b>	964	1005
500	kVA	1375	1575	<b>1719</b>	1883	1963	N/A	N/A	<b>N/A</b>	N/A	N/A
	kW	1100	1260	<b>1375</b>	1506	1570	N/A	N/A	<b>N/A</b>	N/A	N/A
	kVA	1408	1613	<b>1760</b>	1928	2010	1100	1260	<b>1375</b>	1506	1570
	kW	1126	1290	<b>1408</b>	1542	1608	880	1008	<b>1100</b>	1205	1256
	kVA	1648	1888	<b>2060</b>	2257	2352	1320	1512	<b>1650</b>	1807	1884
	kW	1318	1510	<b>1648</b>	1805	1882	1056	1210	<b>1320</b>	1446	1507
560	kVA	1760	2016	<b>2200</b>	2410	2512	N/A	N/A	<b>N/A</b>	N/A	N/A
	kW	1408	1613	<b>1760</b>	1928	2010	N/A	N/A	<b>N/A</b>	N/A	N/A
	kVA	1936	2218	<b>2420</b>	2651	2763	1648	1888	<b>2060</b>	2257	2352
	kW	1549	1774	<b>1936</b>	2121	2211	1318	1510	<b>1648</b>	1805	1882
	kVA	2200	2520	<b>2750</b>	3012	3140	1760	2016	<b>2200</b>	2410	2512
	kW	1760	2016	<b>2200</b>	2410	2512	1408	1613	<b>1760</b>	1928	2010

- $\Delta T = 163^{\circ}\text{C}$ , ambient temperature =  $27^{\circ}\text{C}$ . Furthermore  $\Delta T$ , ambient temperature =  $40^{\circ}\text{C}$
- Altitude 1000m a.s.l. (for all of generator duty)
- N/A: not applicable
- 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

4160V (60Hz)

0.8 P.F. / Insulation class F

**Medium Voltage / 6 leads / 4, 6 and 8 poles**

FRAME		4 poles - 1800rpm			6 poles - 1200rpm			8 poles - 900rpm		
		4160V - Y			4160V - Y			4160V - Y		
	ΔT	80°C	105°C	125°C	80°C	105°C	125°C	80°C	105°C	125°C
400	kVA	N/A	N/A	<i>N/A</i>	601	688	<i>751</i>	N/A	N/A	<i>N/A</i>
	kW	N/A	N/A	<i>N/A</i>	480	550	<i>601</i>	N/A	N/A	<i>N/A</i>
	kVA	720	825	<i>900</i>	720	825	<i>900</i>	432	495	<i>540</i>
	kW	576	660	<i>720</i>	576	660	<i>720</i>	346	396	<i>432</i>
	kVA	960	1100	<i>1200</i>	841	963	<i>1051</i>	557	638	<i>696</i>
	kW	768	880	<i>960</i>	672	770	<i>841</i>	446	510	<i>557</i>
450	kVA	1200	1375	<i>1500</i>	960	1100	<i>1200</i>	605	693	<i>756</i>
	kW	960	1100	<i>1200</i>	768	880	<i>960</i>	484	554	<i>605</i>
	kVA	1500	1719	<i>1876</i>	1081	1238	<i>1351</i>	768	880	<i>960</i>
	kW	1200	1375	<i>1500</i>	864	990	<i>1081</i>	615	704	<i>768</i>
500	kVA	1801	2063	<i>2251</i>	1200	1375	<i>1500</i>	960	1100	<i>1200</i>
	kW	1441	1650	<i>1801</i>	960	1100	<i>1200</i>	768	880	<i>960</i>
	kVA	2101	2407	<i>2626</i>	1500	1719	<i>1876</i>	1104	1265	<i>1380</i>
	kW	1681	1926	<i>2101</i>	1200	1375	<i>1500</i>	883	1012	<i>1104</i>
560	kVA	2160	2475	<i>2700</i>	N/A	N/A	<i>N/A</i>	1200	1375	<i>1500</i>
	kW	1728	1980	<i>2160</i>	N/A	N/A	<i>N/A</i>	960	1100	<i>1200</i>
	kVA	2702	3096	<i>3378</i>	1801	2063	<i>2251</i>	1440	1650	<i>1800</i>
	kW	2162	2477	<i>2702</i>	1441	1650	<i>1801</i>	1152	1320	<i>1440</i>
	kVA	2880	3300	<i>3601</i>	1920	2200	<i>2400</i>	1728	1980	<i>2160</i>
	kW	2304	2640	<i>2880</i>	1536	1760	<i>1920</i>	1383	1584	<i>1728</i>

- Altitude 1000m a.s.l. (for all of generator duty)

- N/A: not applicable

- 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**

MODEL	$\Delta T$	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	<b>8,5</b>	9,0	9,5	4,5	5,5	<b>6,1</b>	6,5	6,5
GTA161AIHS		8,0	9,0	<b>10,1</b>	11,0	11,0	6,0	7,0	<b>8,1</b>	8,5	9,0
GTA161AIHH		9,0	10,5	<b>11,6</b>	12,5	13,0	7,0	8,0	<b>8,8</b>	9,5	10,0
GTA161AIHI		11,0	13,0	<b>14,3</b>	15,5	16,0	8,0	9,5	<b>10,5</b>	11,0	11,5
GTA161AIHJ		12,0	13,5	<b>15,0</b>	16,0	17,0	10,0	11,5	<b>12,7</b>	13,5	14,0
GTA162AIVD		18,0	21,0	<b>23,1</b>	25,0	26,0	13,5	15,5	<b>17,1</b>	18,5	19,0
GTA201AIHS	kVA	23,9	27,4	<b>29,9</b>	32,8	34,1	19,0	21,8	<b>23,8</b>	26,1	27,2
GTA201AIHV		31,0	35,5	<b>38,8</b>	42,5	44,3	23,3	26,7	<b>29,2</b>	31,9	33,3
GTA201AIHB		37,7	43,1	<b>47,1</b>	51,6	53,8	26,4	30,2	<b>33,0</b>	36,1	37,7
GTA201AIHE		38,7	44,4	<b>48,4</b>	53,0	55,3	33,0	37,8	<b>41,3</b>	45,2	47,1
GTA202AIVJ		62,0	71,1	<b>77,5</b>	85,0	88,6	46,6	53,4	<b>58,3</b>	63,9	66,6
GTA251AIHD	kVA	77	88	<b>96</b>	105	110	62	71	<b>77</b>	84	88
GTA251AIHE		99	113	<b>124</b>	135	141	79	91	<b>99</b>	108	113
GTA252AIVB		113	130	<b>142</b>	155	162	91	104	<b>113</b>	124	129
GTA252AIII		138	158	<b>172</b>	188	196	99	113	<b>124</b>	136	141
GTA252AIIR		160	184	<b>200</b>	220	229	124	142	<b>155</b>	170	177
GTA311AIVS	kVA	177	202	<b>221</b>	242	252	135	155	<b>169</b>	185	193
GTA311AIVI		207	238	<b>259</b>	284	296	154	176	<b>193</b>	211	220
GTA311AIIH		243	279	<b>304</b>	333	347	177	203	<b>222</b>	243	253
GTA312AIIB		305	350	<b>382</b>	418	436	237	271	<b>296</b>	324	338
GTA312AIIG		264	303	<b>330</b>	362	377	206	236	<b>257</b>	282	294
GTA312AIDI		353	405	<b>442</b>	484	505	275	315	<b>344</b>	377	393

\* Voltages for ZIGZAG single phase connection or DOUBLE DELTA single phase connection  
-  $\Delta T = 163^{\circ}\text{C}$ , ambient temperature =  $27^{\circ}\text{C}$ . Furthermore  $\Delta T$ , ambient temperature =  $40^{\circ}\text{C}$   
- Altitude 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

# Performance data

0.8 P.F. / Insulation class H – 60Hz

Low Voltage / 12 leads / 4 poles

MODEL	Xd" (%)	Efficiency (%) for 480V			Inertia	Mass (kg)
	480 V	% LOADS			J	
		50	75	100	(kgm2)	
GTA161AISR	10.26	70.60	74.90	76.50	0.198	114
GTA161AIHS	11.26	76.40	78.20	77.80	0.208	124
GTA161AIHH	10.69	81.00	81.50	80.50	0.208	126
GTA161AIHI	12.15	83.30	83.10	81.70	0.218	132
GTA161AIHJ	8.86	86.60	86.40	85.30	0.254	142
GTA162AIVD	8.13	84.80	86.00	85.80	0.304	174
GTA201AIHS	17.01	88.86	87.72	85.87	0.37	234
GTA201AIHV	18.11	90.00	88.50	86.70	0.41	244
GTA201AIHB	18.37	89.40	88.60	87.10	0.46	264
GTA201AIHE	17.27	83.30	84.90	84.90	0.49	276
GTA202AIVJ	16.45	92.40	91.50	90.30	0.63	350
GTA251AIHD	15.57	91.50	90.40	89.00	1.76	430
GTA251AIHE	15.24	89.90	89.60	88.50	1.87	460
GTA252AIVB	12.70	93.90	93.20	92.10	2.22	642
GTA252AIII	10.45	91.20	91.90	91.70	2.54	660
GTA252AIIR	9.27	94.60	94.40	93.70	2.73	690
GTA311AIVS	16.34	93.00	92.80	92.00	3.48	985
GTA311AIVI	13.75	94.60	93.90	92.90	3.77	995
GTA311AIIH	13.99	90.70	92.00	92.20	5.40	1075
GTA312AIIB	13.22	94.60	94.20	93.40	4.95	1215
GTA312AIIG	14.12	93.40	94.10	94.20	5.34	1265
GTA312AIDI	12.50	95.00	94.80	94.20	7.13	1375
GTA352AIDV	10.63	94.10	95.00	95.10	11.64	2050
GTA352AIDE	12.40	94.10	94.90	95.00	12.52	2300
GTA401AIHB	13.93	93.20	94.20	94.40	17.96	2270
GTA401AIHE	16.82	94.10	94.60	94.60	20.57	2414
GTA403AIVD	12.04	92.30	93.90	94.40	25.79	2880
GTA403AIVB	13.27	93.00	94.20	94.60	26.39	2941

- Ambient temperature = 40°C

- Altitude 1000 m.a.s.l

- Values subject to change without prior notice

- For other generator models, please consult WEG.



Performance data

0.8 P.F. / Insulation class H – 60Hz

Low Voltage / 6 leads / 4 poles

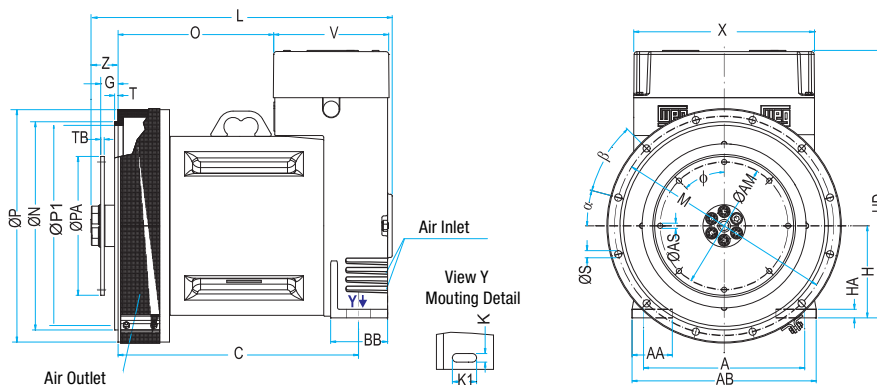
MODEL	Xd" (%)	Efficiency (%) for 480V			Inertia	Mass (kg)
	480 V	% LOADS			J	
		50	75	100	(kgm2)	
GTA351EITV	16.60	95.63	95.63	95.23	9.66	1820
GTA351EITE	14.30	94.16	94.96	94.96	10.74	1900
GTA352EIKV	16.70	93.81	94.51	94.51	11.64	2050
GTA352EIKZ	17.50	93.91	94.61	94.51	12.52	2050
GTA352EIWS	13.32	94.00	94.70	94.80	13.04	2520
GTA352EIZS	14.50	93.38	94.49	94.69	13.04	2530
GTA352EIYS	15.90	93.68	94.59	94.69	13.04	2555
GTA402EIHR	11.97	93.50	94.40	94.60	21.45	2700
GTA402EIVS	10.98	93.20	94.50	94.80	22.80	2730
GTA403EIVD	13.60	93.70	94.70	94.90	25.79	2880
GTA403EIVJ	15.74	94.00	94.80	94.90	27.32	3000
GTA403EIXD	15.91	96.40	96.40	96.10	26.39	2880
GTA451EIHG	14.40	95.50	96.00	96.00	36.82	3600
GTA451EIVS	16.34	95.60	96.00	96.00	39.45	3640
GTA501EIHJ	15.41	94.50	95.40	95.60	50.64	5000
GTA501EIVI	12.60	95.00	95.90	96.20	54.72	5400
GTA501EIVB	15.47	95.70	96.30	96.40	70.23	5600
GTA561EIVH	16.49	95.40	96.20	96.50	86.04	5600
GTA561EIVI	19.84	95.50	96.20	96.40	91.82	5850

- Ambient temperature = 40°C  
- Altitude 1000 m.a.s.l  
- Values subject to change without prior notice  
- For other generator models, please consult WEG.

# Mechanical Features

Protection: IP21  
Low Voltage  
B15T - Single bearing

## GTA 160

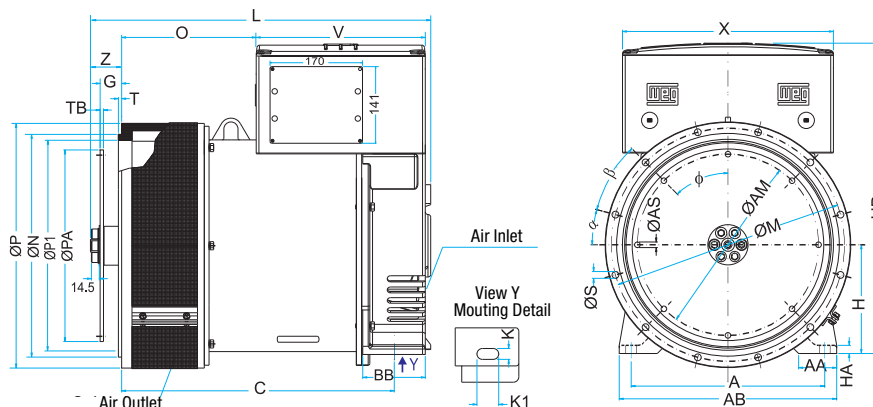


FRAME	DIMENSIONS (mm)																
	A	B	AB	BB	AA	HA	K	K1	H	HD	AC	X	V	C	Z	O	L
161	280	~	320	99	70	15	15	42	160	465	~	314	201	417	47	270	523
162														497		352	603

FLANGE								
SAE	ØP	ØN	ØP1	ØM	T	ØS	α	β
5	355.6	314.3	301	333.4	6	11	22.5°	45°
4	404	361.9	346	381		12.5	15°	30°
3	450	409.6	388	428.6		12.5		

COUPLING DISC							
SAE	ØPA	ØAM	G	TB	ØAS	φ	Holes
7.5	241.3	222.2	30.2	3.1	9	45°	8
8	263.5	244.5	61.9		10.3	60°	6
10	314.3	295.3	53.9		10.3	45°	8
11.5	352.4	333.3	39.6		10.3	45°	8

## GTA 200



FRAME	DIMENSIONS (mm)																
	A	B	AB	BB	AA	HA	K	K1	H	HD	AC	X	V	C	Z	O	L
201	356	-	400	115	70	15	20	40	200	571	-	388	311	591.5	57.4	337.5	716
202														721.5		467.5	846

FLANGE								
SAE	ØP	ØN	ØP1	ØM	T	ØS	α	β
5	450	314.3	301	333.4	5	11	22.5°	45°
4	440	361.9	346	381	6	12.5	15°	30°
3	450	409.6	388	428.6				
2	490	447.7	410	466.7				
1	553	511.2	474	530.2				

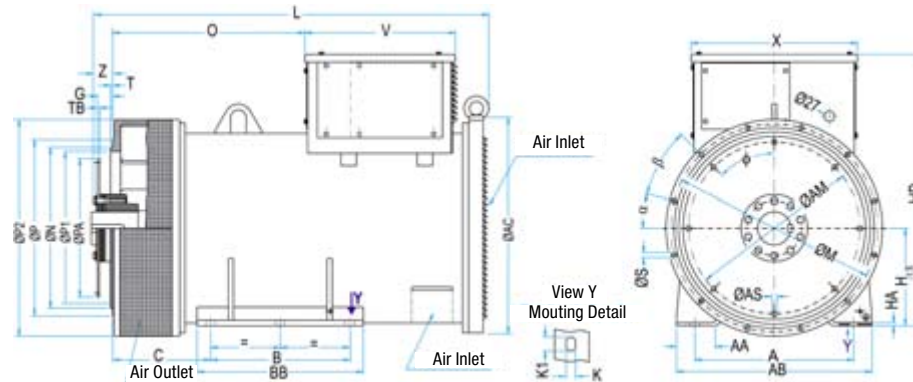
COUPLING DISC							
SAE	ØPA	ØAM	G	TB	ØAS	φ	Holes
7.5	241.3	222.2	30.2	4.6	9	45°	8
8	263.5	244.5	61.9		10.3	60°	6
10	314.3	295.3	53.9			45°	8
11.5	352.4	333.3	39.6				

Remarks: Values subject to change without prior notice. Two bearing upon request.

## Mechanical Features

Protection: IP21  
Low Voltage  
B15T - Single bearing

### GTA 250

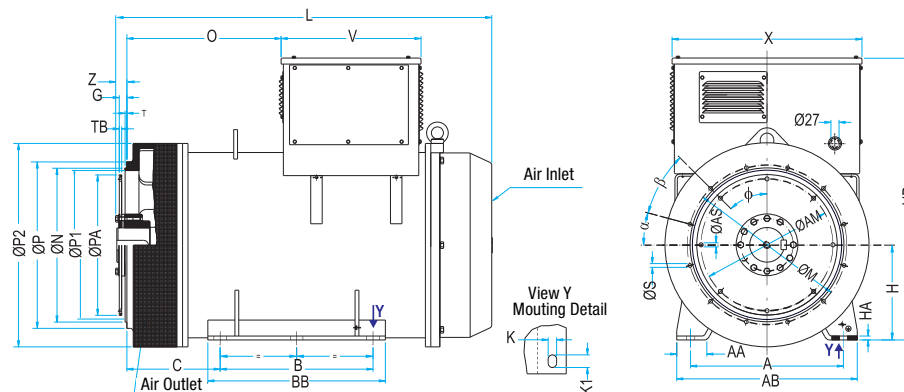


FRAME	DIMENSIONS (mm)																
	A	B	AB	BB	AA	HA	K	K1	H	HD	fAC	X	V	C	Z	O	L
251	406	311	500	380	100	7.9	24	36	250	695	536	425	385	250	55	341	866
252		356		425												491	1016

FLANGE									
SAE	ØP	ØP1	ØP2	ØN	ØM	T	ØS	α	β
3	450	390	553	409.6	428.6	6	12.5	15°	30°
2	553	410		447.7	466.7				
1		490		511.2	530.2				

COUPLING DISC							
SAE	ØPA	ØAM	G	TB	ØAS	φ	Holes
10	314.3	295.3	53.9	4.6	10.3	45°	8
11.5	352.4	333.3	39.6		10.3		
14	466.7	438.2	25.4		13.5		

### GTA 315



FRAME	DIMENSIONS (mm)																
	A	B	AB	BB	AA	HA	K	K1	H	HD	AC	X	V	C	Z	O	L
311	508	406	600	490	96	13	28	42	315	936*	676	631*	465	310	34	342.5	1076
312		508		590												492.5	1226.5

\*Dimension valid for 12-lead generators. For generators with 6 leads HD = 868 and X = 454

FLANGE									
SAE	ØP	ØP1	ØP2	ØN	ØM	T	ØS	α	β
2	490	410	676	447.7	466.7	6	12.5	15°	30°
1	553	496		511.2	530.2				
1/2	676	540		584.2	619.1				
0	714	610	714	647.7	679.5	6	14	11°15'	22°30'

COUPLING DISC							
SAE	ØPA	ØAM	G	TB	ØAS	φ	Holes
14	466.7	438.2	25.4	6.2	13.5	45°	8
18	571.5	542.9	15.7		18	60°	6

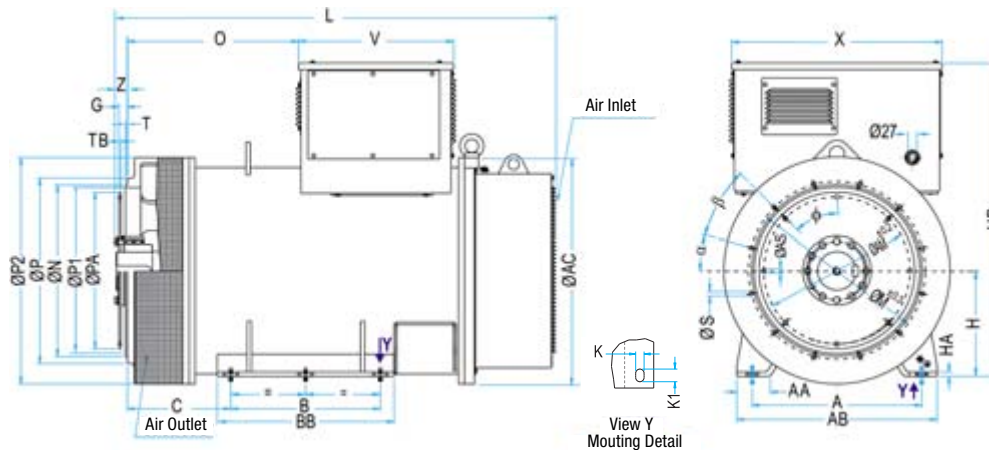
Remarks: Values subject to change without prior notice. Two bearing upon request.

## Mechanical Features

Protection: IP21  
B15T - Single bearing

### GTA 355

#### Low Voltage



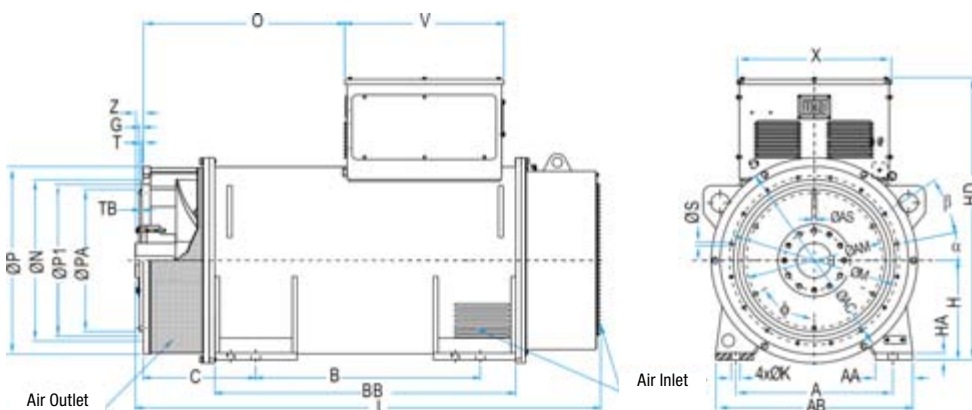
FRAME	DIMENSIONS (mm)														
	A	B	AB	BB	AA	HA	K	K1	H	HD	ØAC	X	V	C	Z
351	528	410	660	600	130	16	28	42	355	1053	780	635	465	400	16.8
352		550		740											
															O
															L

FLANGE								
SAE	ØP	ØP1	ØP2	ØN	ØM	T	ØS	α
1	553	496	780	511.2	530.2	6	12.5	15°
0	714	610	780	647.7	679.5		14	11°15'
00	-	760	883	787.4	851			22°30'
								β

COUPLING DISC							
SAE	ØPA	ØAM	G	TB	ØAS	φ	Holes
14	466.7	438.2	25.4	6.2	13.5	45°	8
18	571.5	542.9	15.7		18	60°	6
21	673.1	641.4	0	5.85			

### GTA 400

#### Low and High Voltage



FRAME	DIMENSIONS (mm)														
	A	B	AB	BB	AA	HA	ØK	H	HD	ØAC	X	V	C	Z	O
401	630	560	789	921	150	28	36	400	1135	825	618	638	855*	410	32,5
402		630		1026											
403		710		1206											
															L

FLANGE								
SAE	ØP	ØN	ØP1	ØM	T	ØS	α	β
1/2	754	584.2	540	619.1	6	14	15°	30°
0		647.7	610	679.5			11°15'	22°30'
00		787.4	760	851				

COUPLING DISC							
SAE	ØPA	ØAM	G	TB	ØAS	φ	Holes
14	466.6	438.2	25.4	7.8	14	45°	8
16	517.5	489	15.7		18	60°	6
18	571.4	542.9				30°	12
21	673.1	641.4				0.0	

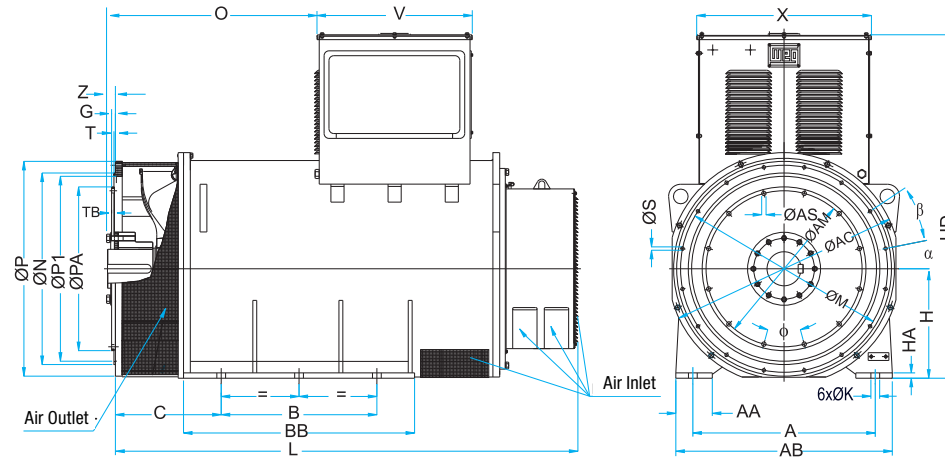
\*Medium/High voltage only

Remarks: Values subject to change without prior notice. Two bearing upon request.

## Mechanical Features

Protection: IP21  
Low and High voltage  
B15T - Single bearing

### GTA 450

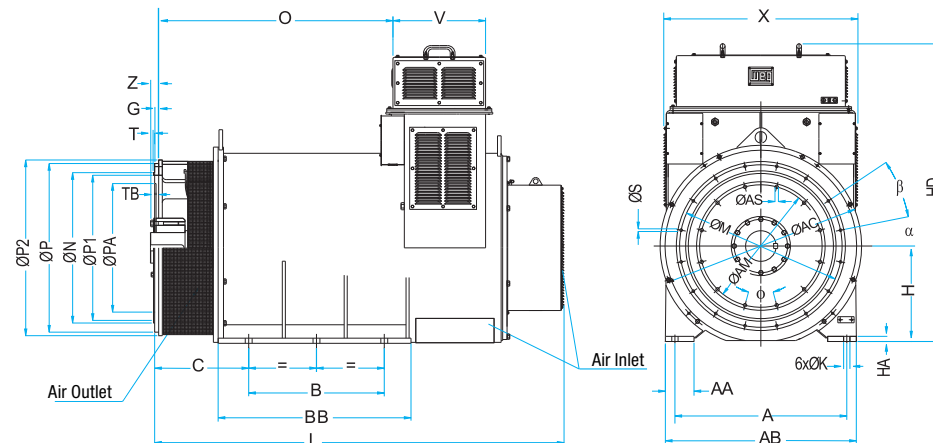


FRAME	DIMENSIONS (mm)																	
	A	B	AB	BB	AA	HA	ØK	H	HD	ØAC	X	V	C	Z	O		L	
451	750	630	890	850	150	22	36	450	1412	955	718	638	855*	435	32,5	747	530*	1734
452		640		950												947	730*	1934

FLANGE								
SAE	ØP	ØN	ØP1	ØM	T	ØS	α	β
1	560	511.2	470	530.2	6	12.5	15°	30°
0	754	647.7	610	679.5		14	11°15'	22°30'
00	883	787.4	760	851				

COUPLING DISC							
SAE	ØPA	ØAM	G	TB	ØAS	φ	Holes
14	466.7	438.2	25.4	11.7	14	45°	8
16	517.5	489	15.7		13.5		
18	571.5	542.9			18	60°	6
21	673.1	641.4				0.0	30°

### GTA 500



FRAME	DIMENSIONS (mm)																	
	A	B	AB	BB	AA	HA	ØK	H	HD	ØAC	X	V		C	Z	O		L
501	900	710	1000	1010	150	27	33	500	1560	1055	1017	485	800*	492	32.5	1248	933*	2166

FLANGE									
SAE	ØP2	ØP	ØPN	ØP1	T	ØM	ØS	$\alpha$	$\beta$
00	920	883	787.4	760	6	851	14	11°15'	22°30'

COUPLING DISC							
SAE	ØPA	ØAM	G	TB	ØAS	φ	Holes
21	673.1	641.4	0	11.7	18	30°	12

\*Medium/High voltage only

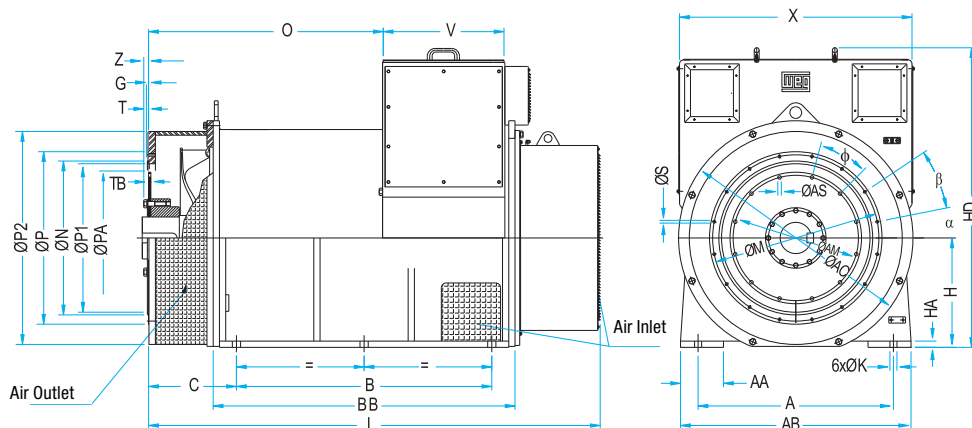
Remarks: Values subject to change without prior notice. Two bearing upon request.



## Mechanical Features

Protection: IP21  
Low and High Voltage  
Single bearing

### GTA 560



FRAME	DIMENSIONS (mm)																	
	A	B	AB	BB	AA	HA	ØK	H	HD	ØAC	X	V	C	Z	O	L		
561	1000	1307	1180	1545	220	32	42	560	1560	1200	1190	620	1000*	450	32.5	1200	820*	2312

FLANGE									
SAE	ØP	ØP2	ØN	ØP1	ØM	T	ØS	α	β
00	940	1090	787.4	760	851	6	14	11°15'	22°30'

COUPLING DISC							
SAE	ØPA	ØAM	G	TB	ØAS	φ	Holes
21	673.1	641.4	0	11.7	18	30°	12
24	733.3	692.2			21		

\*Medium/High voltage only

Remarks: Values subject to change without prior notice. Two bearing upon request.

## Customer Service

WEG has available to its customers a extensive customer service and service shop network, which are responsible for after-sales support. Included in these services are standard customer requests, field services including diagnostics/analysis, machine commissioning and overtime services. A nationwide network of Authorized Service Agent is also available.

The manuals supplied with the equipments provide quick and accurate information on safety instructions, installation and maintenance.

The Customer Service team is trained and experienced and able to handle most diverse field situations and remote support by using last generation equipment and providing reliable results.

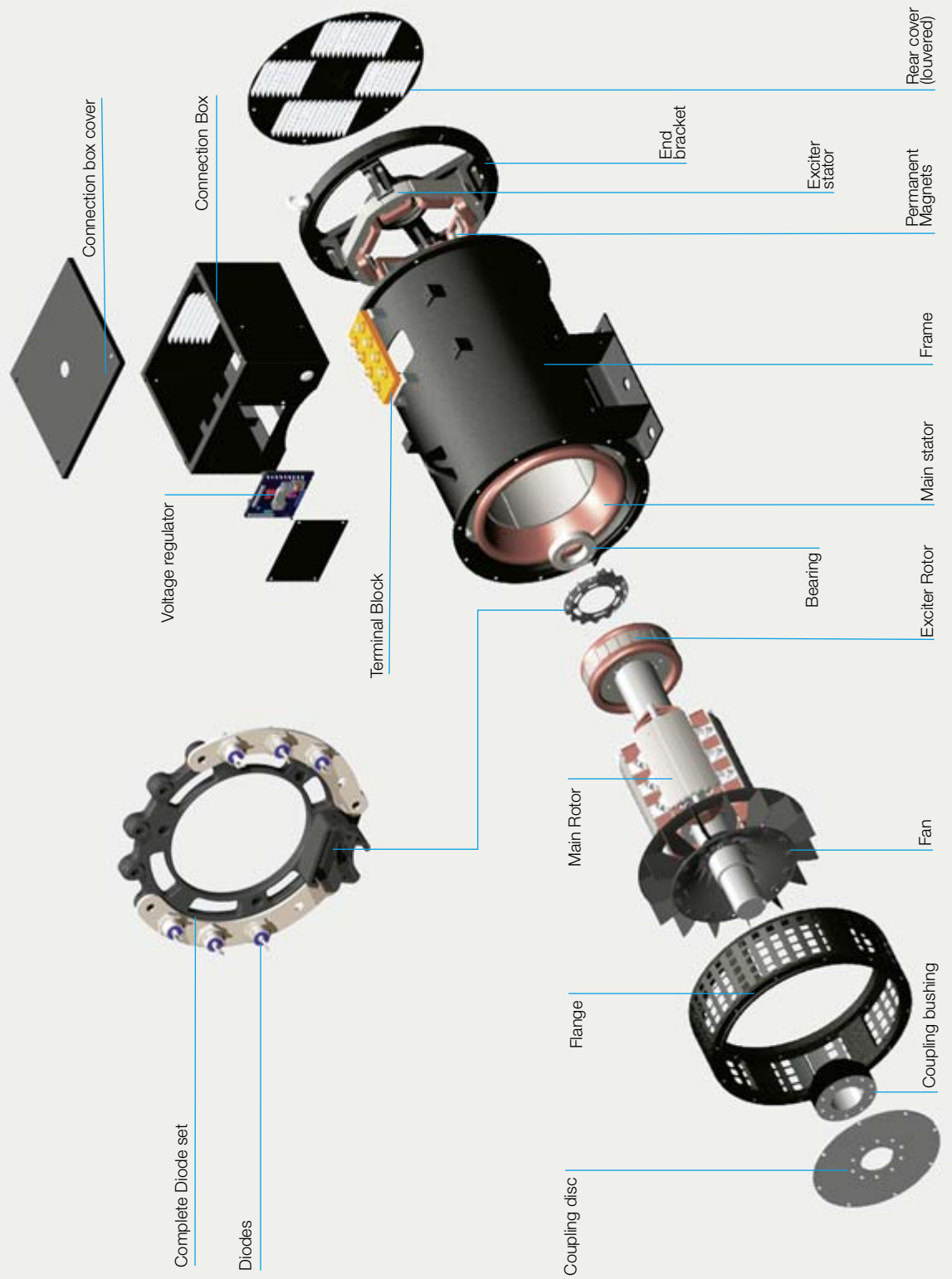
### Components and parts

WEG has a components and parts sales team which covers all markets served, ensuring quick customer service turnaround and technical assistance.



## Components

Standard drawing view (GTA 250)



# WEG Worldwide Operations

## ARGENTINA

WEG EQUIPAMIENTOS  
ELECTRICOS S.A.  
(Headquarters San  
Francisco-Cordoba)  
Sgo. Pampiglione 4849  
Parque Industrial San Francisco  
2400 - San Francisco  
Phone(s): +54 (3564) 421484  
Fax: +54 (3564) 421459  
[info-ar@weg.net](mailto:info-ar@weg.net)  
[www.weg.net/ar](http://www.weg.net/ar)

## AUSTRALIA

WEG AUSTRALIA PTY. LTD.  
3 Dalmore Drive  
Carribean Park Industrial Estate  
Scoresby VIC 3179 - Melbourne  
Phone(s): 61 (3) 9765 4600  
Fax: 61 (3) 9753 2088  
[info-au@weg.net](mailto:info-au@weg.net)  
[www.weg.net/au](http://www.weg.net/au)

## BELGIUM

WEG EUROPE S.A.  
Rue de l'Industrie 30 D,  
1400 Nivelles  
Phone(s): + 32 (67) 88-8420  
Fax: + 32 (67) 84-1748  
[info-be@weg.net](mailto:info-be@weg.net)  
[www.weg.net/be](http://www.weg.net/be)

## CHILE

WEG CHILE S.A.  
Los Canteros 8600  
La Reina - Santiago  
Phone(s): (56-2) 784 8900  
Fax: (56-2) 784 8950  
[info-cl@weg.net](mailto:info-cl@weg.net)  
[www.weg.net/cl](http://www.weg.net/cl)

## CHINA

WEG (NANTONG) ELECTRIC  
MOTOR MANUFACTURING Co., Ltd.  
No. 128 - Xinkai Nan Road,  
Nantong Economic and  
Technological Development Area  
Jiangsu Province, China PC226010  
Phone(s): 86 513 8598 9329  
Fax: 86 513 8592 1310  
[info-cn@weg.net](mailto:info-cn@weg.net)  
[www.weg.net/cn](http://www.weg.net/cn)

## COLOMBIA

WEG COLOMBIA LTDA  
Calle 46A N82 - 54  
Porteria II - Bodega 7 - San  
Cayetano II - Bogotá  
Phone(s): (57 1) 416 0166  
Fax: (57 1) 416 2077  
[info-co@weg.net](mailto:info-co@weg.net)  
[www.weg.net/co](http://www.weg.net/co)

## FRANCE

WEG FRANCE SAS  
ZI de Chenes - Le Loup  
13 Rue du Morellon - BP 738  
38297 Saint Quentin Fallavier  
Phone(s): +33 (0) 4 74 99 11 35  
Fax: +33 (0) 4 74 99 11 44  
[info-fr@weg.net](mailto:info-fr@weg.net)  
[www.weg.net/fr](http://www.weg.net/fr)

## GERMANY

WEG GERMANY GmbH  
Alfred-Nobel-Str. 7-9  
D-50226 Frechen  
Phone(s): +49 (2234) 9 5353-0  
Fax: +49 (2234) 9 5353-10  
[info-de@weg.net](mailto:info-de@weg.net)  
[www.weg.net/de](http://www.weg.net/de)

## INDIA

WEG Electric (India) Pvt. Ltd.  
#38, Ground Floor, 1st Main  
Road, Lower Palace Orchards,  
Bangalore - 560 003  
Phone(s): +91-80-4128 2007  
+91-80-4128 2006  
Fax: +91-80-2336 7624  
[info-in@weg.net](mailto:info-in@weg.net)  
[www.weg.net/in](http://www.weg.net/in)

## ITALY

WEG ITALIA S.R.L.  
V.le Brianza 20 - 20092 - Cinisello  
Balsamo - Milano  
Phone(s): (39) 02 6129-3535  
Fax: (39) 02 6601-3738  
[info-it@weg.net](mailto:info-it@weg.net)  
[www.weg.net/it](http://www.weg.net/it)

## JAPAN

WEG ELECTRIC MOTORS  
JAPAN CO., LTD.  
Matsumoto Bldg. 2F, 3-23-7  
Kamata, Ohta-ku,  
Tokyo, Japan 144-0052  
Phone(s): (81) 3 3736-2998  
Fax: (81) 3 3736-2995  
[info-jp@weg.net](mailto:info-jp@weg.net)  
[www.weg.net/jp](http://www.weg.net/jp)

## MEXICO

WEG MEXICO, S.A. DE C.V.  
Carretera Jorobas-Tula Km. 3.5,  
Manzana 5, Lote 1  
Fraccionamiento Parque  
Industrial - Huehuetoca,  
Estado de México - C.P. 54680  
Phone(s): + 52 (55) 5321 4275  
Fax: + 52 (55) 5321 4262  
[info-mx@weg.net](mailto:info-mx@weg.net)  
[www.weg.net/mx](http://www.weg.net/mx)

## NETHERLANDS

WEG NETHERLANDS  
Sales Office of  
WEG Europe S.A.  
Keulenstraat 4E  
7418 ET Deventer  
Phone(s): +31 (0) 570-620550  
Fax: +31 (0) 570-620560  
[info-nl@weg.net](mailto:info-nl@weg.net)  
[www.weg.net/nl](http://www.weg.net/nl)

## PORTUGAL

WEG EURO - INDÚSTRIA  
ELÉCTRICA, S.A.  
Rua Eng. Frederico Ulrich  
Apartado 6074  
4476-908 - Maia  
Phone(s): +351 229 477 705  
Fax: +351 229 477 792  
[info-pt@weg.net](mailto:info-pt@weg.net)  
[www.weg.net/pt](http://www.weg.net/pt)

## RUSSIA

WEG RUSSIA  
Pochainskaya Str. 17  
Nizhny Novgorod  
603001 - Russia  
Phone(s): +7-831-2780425  
Fax: +7-831-2780424  
[info-ru@weg.net](mailto:info-ru@weg.net)  
[www.weg.net/ru](http://www.weg.net/ru)

## SPAIN

WEG IBERIA S.L.  
Avenida de la Industria, 25  
28823 Coslada - Madrid  
Phone(s) : (34) 916 553 008  
Fax : (34) 916 553 058  
[info-es@weg.net](mailto:info-es@weg.net)  
[www.weg.net/es](http://www.weg.net/es)

## SINGAPORE

WEG SINGAPORE PTE LTD  
159, Kampong Ampat,  
#06-02A KA PLACE.  
Singapore 368328.  
Phone(s): +65 6858 9081  
Fax: +65 6858 1081  
[info-sg@weg.net](mailto:info-sg@weg.net)  
[www.weg.net/sg](http://www.weg.net/sg)

## SWEDEN

WEG SCANDINAVIA AB  
Box 10196  
Verkstadgatan 9  
434 22 Kungsbacka  
Phone(s): (46) 300 73400  
Fax: (46) 300 70264  
[info-se@weg.net](mailto:info-se@weg.net)  
[www.weg.net/se](http://www.weg.net/se)

## UK

WEG ELECTRIC  
MOTORS (U.K.) LTD.  
28/29 Walkers Road  
Manorside Industrial Estate  
North Moons Moat - Redditch  
Worcestershire B98 9HE  
Phone(s): 44 (0)1527 596-748  
Fax: 44 (0)1527 591-133  
[info-uk@weg.net](mailto:info-uk@weg.net)  
[www.weg.net/uk](http://www.weg.net/uk)

## UNITED ARAB EMIRATES

WEG MIDDLE EAST FZE  
JAFZA - JEBEL ALI FREE ZONE  
Tower 18, 19th Floor,  
Office LB181905  
Dubai - United Arab Emirates  
[info-ae@weg.net](mailto:info-ae@weg.net)  
[www.weg.net/ae](http://www.weg.net/ae)

## USA

WEG ELECTRIC  
CORPORATION  
1327 Northbrook Parkway,  
Suite 490  
Suwanee 30024  
Phone(s): 1-770-338-5656  
Fax: 1-770-338-1632  
[info-us@weg.net](mailto:info-us@weg.net)  
[www.weg.net/us](http://www.weg.net/us)

## VENEZUELA

WEG INDUSTRIAS  
VENEZUELA C.A.  
Parcela T-4-A Transversal 9 Urb.  
Industrial Carabobo Catastral  
79-101 Edf. ELIMECA Loc.  
ELIMECA, Zona Postal 2003,  
Valencia, Edo. Carabobo  
Phone(s): (58) 241 838 9239  
Fax: (58) 241 838 9239  
[info-ve@weg.net](mailto:info-ve@weg.net)  
[www.weg.net/ve](http://www.weg.net/ve)



WEG Equipamentos Elétricos S.A.  
International Division  
Av. Prefeito Waldemar Grubba, 3000  
89256-900 - Jaraguá do Sul - SC - Brazil  
Phone: 55 (47) 3276-4002  
Fax: 55 (47) 3276-4060  
[www.weg.net](http://www.weg.net)