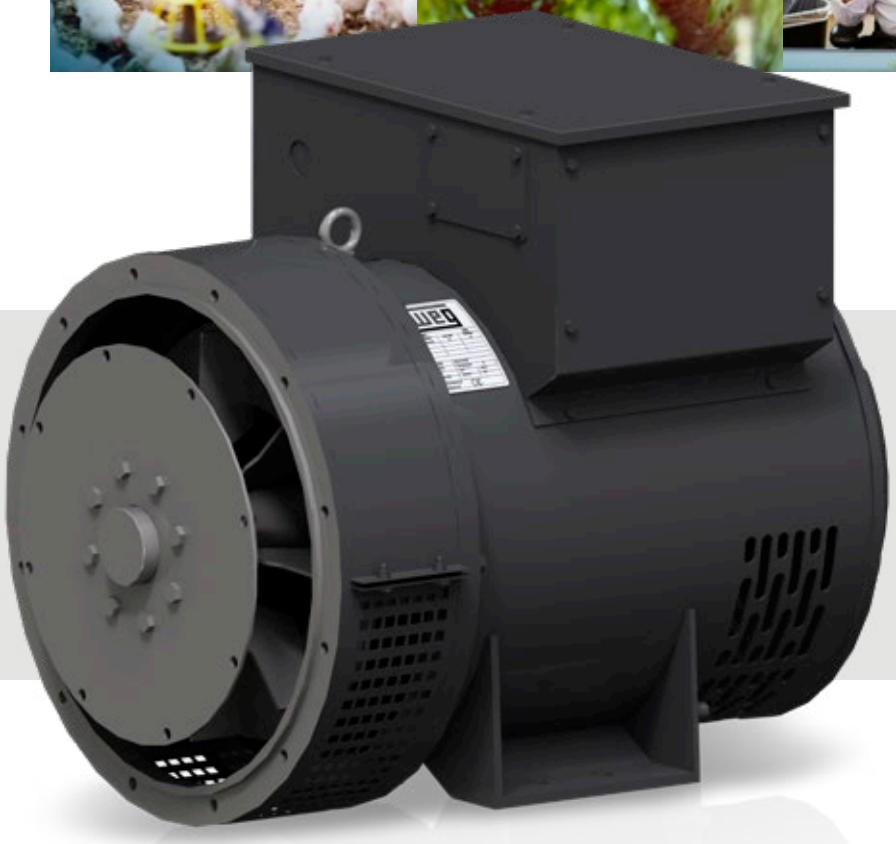
Synchronous Alternators

GT10 Line

WEG's extensive experience in design and manufacturing has resulted in a modern world class product range of brushless synchronous alternators for the global market. The GT10 product line with output power from 10 kVA to 200 kVA is suitable for a wide range of continuous and standby applications including:

- Industrial
- Commercial
- Telecom
- Residential
- Healthcare
- Agriculture
- Mining
- Marine



Certifications

WEG's Quality System is certified according to ISO 9001 and ISO 14001 Standards. The Quality System is audited and certified by the Bureau Veritas Quality Institute.
In the marine version, WEG synchronous alternators can be supplied, under request, with certifications of entities like: Lloyds, Bureau Veritas, ABS, Germanischer Lloyd, DNV and others.

Synchronous Alternators

GT10 Line

12 Leads / 4 Poles

Line	Model	480 V - Y / 240 V - YY / 60 Hz					400 V - Y / 200 V - YY / 50 Hz				
		ΔT 80 °C	ΔT 105 °C	**ΔT 125 °C**	ΔT 150 °C	ΔT 163 °C	ΔT 80 °C	ΔT 105 °C	**ΔT 125 °C**	ΔT 150 °C	ΔT 163 °C
GT10	160SI05AS	8.5	9.6	**10.6**	12.0	12.5	7.0	7.5	**8.5**	9.4	10.0
	160SI10AS	11.5	13.0	**14.4**	16.0	16.8	9.0	10.0	**11.3**	12.5	13.0
	160MI05AS	14.0	15.6	**17.5**	19.5	20.5	11.0	12.5	**13.8**	15.0	16.3
	160MI10AS	17.0	19.0	**21.3**	23.5	24.5	13.0	14.5	**16.3**	18.0	19.0
	180SI05AS	19.2	22.0	**24.0**	26.3	27.4	15.3	17.5	**19.1**	20.9	21.8
	180SI10AS	21.4	24.5	**26.7**	29.2	30.5	16.4	18.8	**20.5**	22.5	23.4
	180SI15AS	25.0	28.1	**31.3**	35.0	37.5	18.8	21.5	**23.5**	25.7	26.8
	180SI20AS	28.0	30.0	**35.0**	38.5	40.0	22.0	25.0	**27.5**	30.0	31.0
	180SI25AS	28.2	32.3	**35.2**	38.6	40.2	21.2	24.3	**26.5**	29.0	30.3
	180MI10AS	38.0	42.5	**47.5**	52.5	55.0	30.0	34.0	**37.5**	41.0	43.0
	180MI20AS	40.0	45.0	**50.0**	55.0	58.0	32.0	36.0	**40.0**	44.0	46.0
	180MI25AS	41.1	47.1	**51.4**	56.3	58.7	31.9	36.6	**39.9**	43.7	45.6
	225SI05AS	45.0	50.0	**55.0**	60.0	64.0	36.0	40.0	**45.0**	50.0	52.0
	225SI10AS	50.0	55.0	**62.5**	67.5	72.5	40.0	45.0	**50.0**	56.0	58.5
	225SI15AS	62.5	70.0	**80.0**	88.0	92.5	50.0	55.0	**62.5**	69.0	72.0
	225SI20AS	70.0	78.0	**87.5**	96.3	100.0	56.0	62.5	**70.0**	77.0	80.0
	225MI05AS	75.0	84.0	**94.0**	100.0	107.5	60.0	67.5	**75.0**	83.0	87.0
	225MI10AS	80.0	90.0	**100.0**	110.0	115.0	64.0	72.0	**80.0**	87.5	91.5
	225MI15AS	90.0	100.0	**112.5**	125.0	130.0	70.1	80.3	**87.6**	96.0	100.0
	250SI05AS	95	109	**119**	131	136	71	81	**89**	97	101
	250SI10AS	112	125	**140**	150	162	87	100	**109**	119	124
	250MI05AS	125	140	**156**	170	180	100	112	**125**	138	144
	250MI10AS	140	157	**175**	192	203	112	125	**140**	154	160
	250LI05AS	150	169	**187**	205	217	120	135	**150**	165	172
	250LI10AS	160	180	**200**	220	232	128	144	**160**	176	184

- Output power in kVA
- ΔT = 163 °C, ambient temperature = 27 °C. For the other ΔT, ambient temperature = 40 °C.
- According to standards: IEC 60034-1 - NBR 5117 - NEMA: MG1 VDE 530 - ISO 8528 - CSA C22.2 No. 100-04.
- Altitude 1,000 meters above sea level (for all duties).
- Data subject to change without prior notice.
- For other voltages, please contact WEG.

WEG Group - Energy Business Unit
Jaraguá do Sul - SC - Brazil
Phone: +55 47 3276 4000
energia@weg.net
www.weg.net

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