



AM SGB Sdn Bhd

# Power Transformer



## Power Transformer

Our power transformers are produced with ratings from 30MVA for system voltages up to 72.5kV.

To adapt to the voltage variation, it is possible to provide on-load tap changer or off circuit tap changer.

Frequently used vector group are Dyn II or I, YNd II or I or YNynd.

No load losses, short-circuit losses and noise emission depending on the requirements are optimised in our design. We observe the relevant standard and regulation according to IEC 60076 and the manufacturing practises of our parent company SGB Germany.

With the combination of high grade material, reliable manufacturing processes and top quality workmanship only transformers with the highest quality are produced.



• 6.25 MVA – 11/ 11 kV Power Transformer

• 7.5/ 15 MVA – 33/11 kV Power Transformer



• 15 MVA – 33/11 kV Power Transformer

• 30 MVA – 69/ 13.8 kV Power Transformer

## Typical Data of Medium Size Transformers

Rated Power	Vector Group	Cool Type	Voltage (KV)	Noise Level not more than	No Load	Loaded	Impedance (%)	Weight	L	W	H
10 / 15	Dyn II	ONAN / ONAF	33 / 11	65	11500	80000	10	32	6.2	3	3.8
20 / 30	Dyn II	ONAN / ONAF	33 / 11	68	15000	12000	12.5	48	7	3.2	4.4
5	Dyn II	ONAN	33 / 11	60	5000	30000	7	13	3.8	2.7	3.2

We are able to conduct full routine test according to IEC 60076, AS 2374, ANSI 57, NC 52.

Type Test - Temperature rise test.

Lighting Impulse Test - For selected transformer rating up, maxima up BIL 325 level.

Special Test - Zero Sequence, Harmoni Distortion, Noise Level Measurement and others.

Note: 30 MVA 72.5kV; TS only capable up to 30MVA 33kV and 10MVA 72.5kV test capacity. Temperature rise at the moment up to 25MVA.

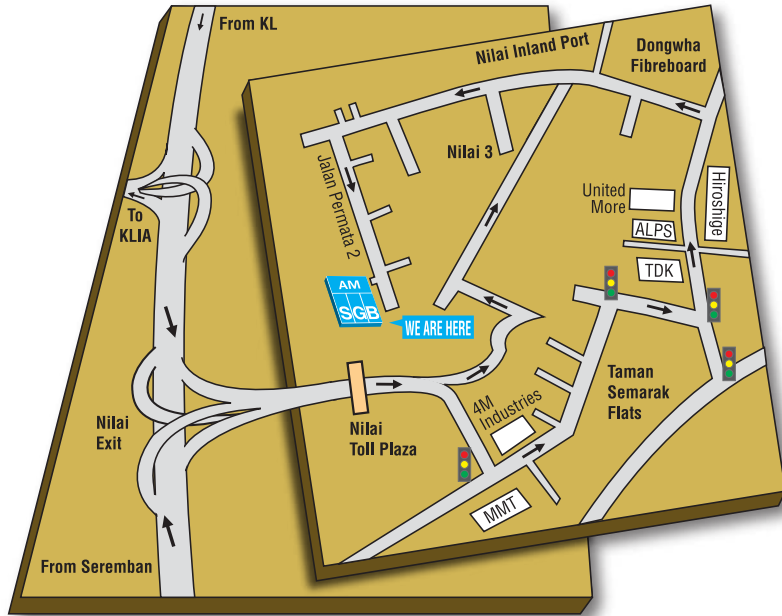
Table Key :  Low Loss  
 Standard Loss

*The above ratings are a selection from our wide range of transformer designs. Differing ratings and cable box designs, as well as conservator type transformers are available upon request.*

**Note:** *In the interest of technical progress the above specifications are subject to change without prior notice.*



• Power Transformer on site installation



The AM SGB Sdn Bhd and SGB Cast Resin Sdn Bhd factory is strategically located in Nilai, the heart of Negeri Sembilan's fast booming industrial district. Its proximity to the North-South highway, the Nilai Inland Port and the Kuala Lumpur International Airport (KLIA) offers excellent and strong infrastructural support to platform the company's progress.



## AM SGB SDN. BHD.

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