



Power Equipment

Power Business Group
TATUNG Co., Taiwan



TATUNG

*The electrical equipment and
total system solution provider
from TAIWAN*

About Tatung



1918
Year founded



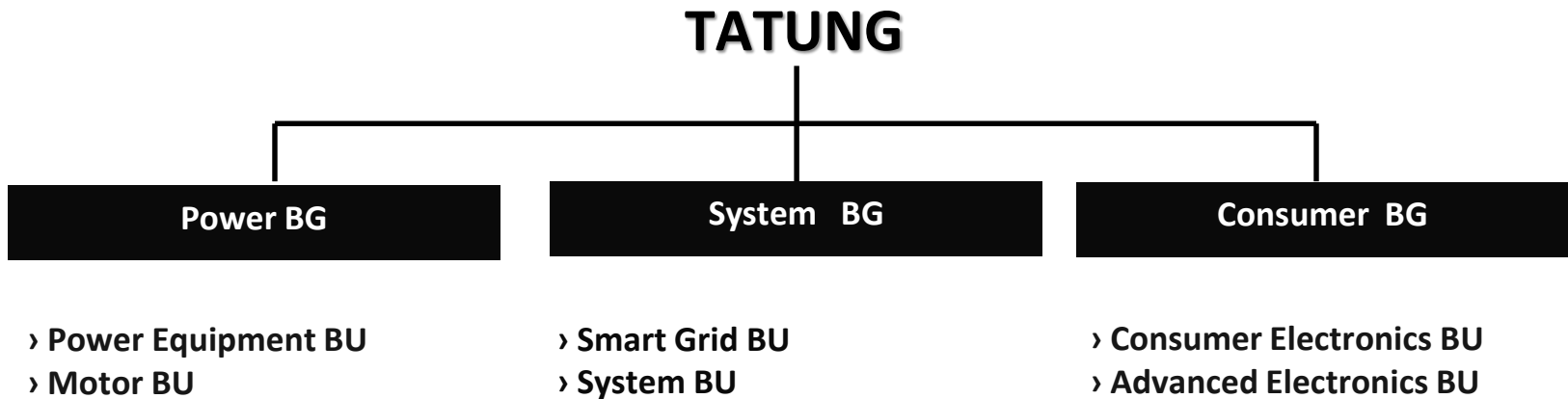
\$3.05 billion
2015 Revenue



23,300
Employees



7
Listed Companies
In Taiwan stock market



Industrial Appliance

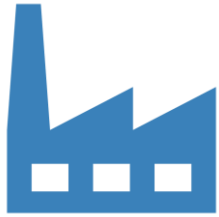
In Taiwan, Tatung's Power BG is a leading and comprehensive manufacturer that produces a full range of industrial appliances including motors, transformers, switchgears and cables. Professional technical teams within the BG are dedicated to providing state of the art and complete solutions to any and all power systems engineering projects.





TATUNG

*Could provide the full Series of
Power products*



Manufacturing Factory



Generator



Motor



Power Transformer



Power Cable



Construction



Pole Transformer



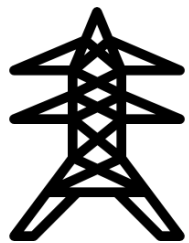
Distribution
Transformer



Generator



Bus-Duct



Power Generation Power Grid



Power Transformer



Power Cable



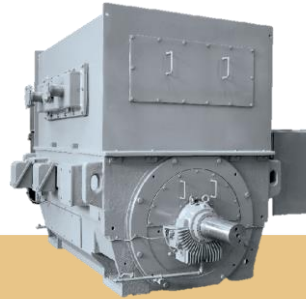
Gas Insulated Switchgear



Mining



Generator



Large Motor



Distribution
Transformer



Power Cable



Marine



Motor



Communication



Lan Cable



Communication
Cable



*The Capability of
TATUNG's Power products.*

Industrial Appliance BU

Our Products

- Transformers
- Switchgears
- High Voltage Gas Insulated Switchgears
- Distribution Apparatus
- Tatung Smart Partial Discharge Analyzer(TSPDA)



Power Transformer

- Up to 500kV, 1000MVA

Distribution Transformer

- Up to 36kV, 5000kVA

Switchgear

- Up to 36 kV

Gas Insulated Switchgear

- Up to 161 kV



Wire & Cable BU

Our Products

- Copper Rod Bare Copper Wire
- Magnet wires
- Lead free tinned copper wire
- Power Cable
- Communication copper cable
- Optical fiber cable
- Electronic wires
- LAN CABLE



Power Cable

- Up to 161kV

Lan Cable

- CAT 5e, CAT 6

All series LV cables



Motor BU

Our Products

- Electric Motors
- Generators and Diesel- Engine Generating Set
- Cast Iron Parts
- Die-casting



Motor

- 1/4HP~30,000HP, 13.8kV

Diesel Engine Generating Set/ Generator

- 25KVA~12,500KVA

PM Motors

- Up to 220 kW, 16P

Explosion Proof Motors

Synchronous Machines

VVVF Motors / Servo Motors / Vector Motors



Production Base





Our Heavy Industrial Appliance

History

2017 Succeeded in Development of **Country-first** 3p 161kV 728MVA
(3 phases in one tank) TR

2015 Succeeded in Development of **Country-first** 3p 345kV 100MVAR Shunt Reactor

2006 Succeeded in Development of 3 p 345kV 340MVA (3 phases in one tank) TR

2003 Succeeded in Development of 3 p 161kV 60MVA **SF6 Gas** TR

1998 Succeeded in Development of 3 p 166kV 386MVA combine cycle generation TR

1996 Succeeded in Development of 3 p 69kV 25MVA **SF6 Gas** TR

1992 Succeeded in Development of 3 p 345kV 300MVA TR

1991 Succeeded in Development of 3 p 345kV 36.6MVA Starting TR

1984 Succeeded in Development of **Country-first** 3- single phase 345kV 500MVA TR

1981 Succeeded in Development of 3p 161kV 200MVA TR

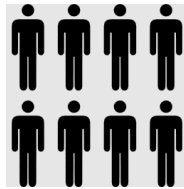
1964 Succeeded in Development of **Country-first** 3p 69kV 25MVA TR

1961 Technology collaboration with TOSHIBA

Heavy Industrial Appliance SBU



1963
Established



351
Employees



576,000²
Square feet



14001
9001
18001
ISO certificates



500
(kV)
Largest Test Lab
in Taiwan



Power Transformers

*Up to 1 ψ -345 kV-1500/3 MVA
3 ψ -345 kV-500 MVA*



TATUNG applies the advanced CAD/CAE/CAM technologies combined with excellent design, skillful manufacturing to produce power transformers with high quality and reliability

Technological collaboration :

TOSHIBA

Leading Innovation >>>



Low Noise Type Transformer 69kV-25MVA (50dB)



SF₆ Gas-Insulated Transformer 69kV-25MVA



Power Transformer 115kV-112MVA



Cogeneration Transformer 161kV-150MVA



Thermal Power (IPP) Generation Transformer
166kV-386MVA



Pumping and Generation Transformer
345kV-300MVA

“Achievement”



Power Transformer 345kV-500MVA



Thermal Power Generation Transformer
345kV-330MVA



Power Transformer 236kV-150MVA



Thermal Power Generation Transformer
345kV-340MVA



Power Transformer 110kV-100MVA



SF₆ Gas-Insulated Transformer 161kV-60MVA

“Achievement”

Special Power Transformers



Shunt Reactors

Product range: Up to 345kV- 100 MVAR



Succeed in the development and supply of the **FIRST** and **BIGGEST** shunt reactors in Taiwan.



Furnace Transformer

Product range: Up to 34.5kV- 70 MVA



Owens 95% market share in Taiwan. The first one Taiwan company who has sales record in Japan.



TAIWAN's First and Largest Capacity Shunt Reactor
" 345 kV 100MVAR "

Special Power Transformers



Mobile Transformer (Substation)

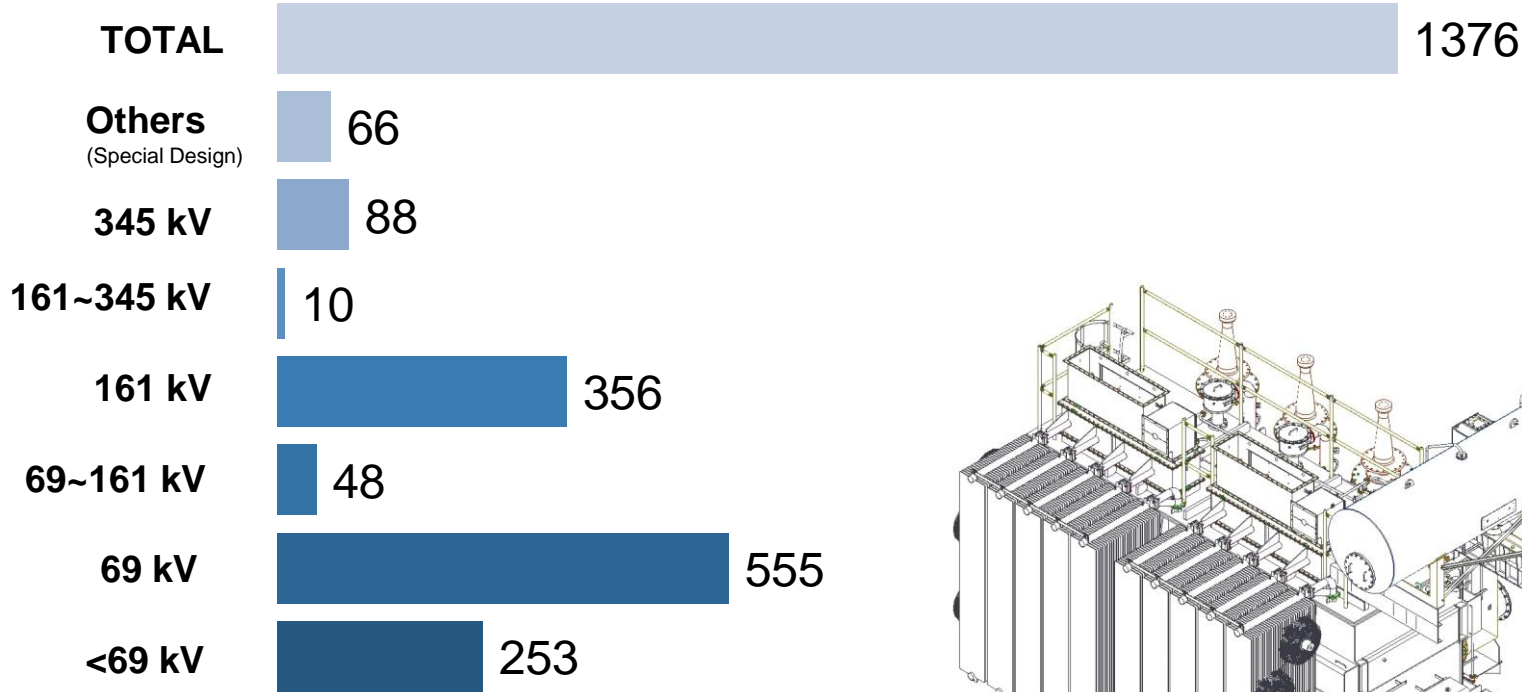


The first one and Only one mobile transformer maker in Taiwan.

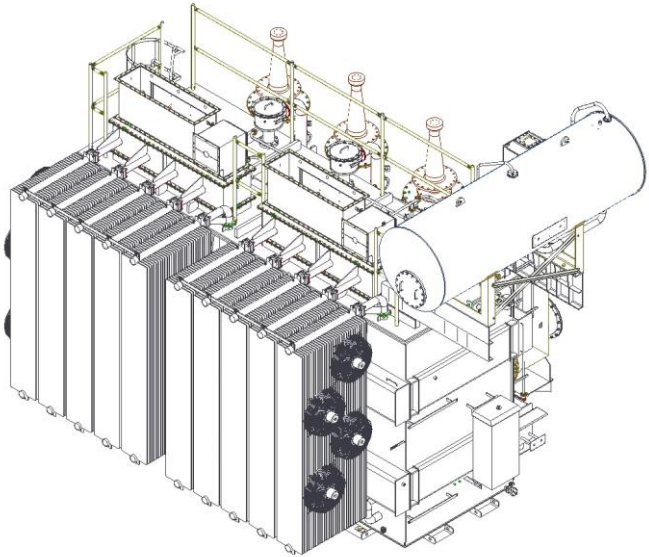
Power Transformer Record

(From 1964 ~ 2015)

UNITS



Voltage / Type



Distribution Transformers



Silicon Steel Distribution Transformers

Product range: Up to 36kV-5000kVA



Tatung has offered IGBT transformers to steel companies' turnkey project in Turkey, India and Taiwan.

Technological collaboration :

TOSHIBA
Leading Innovation >>>

Distribution Transformers

Amorphous Metal core Distribution Transformers

Product range: Up to 36kV-5000 kVA

Over 400 Units sales records to JAPAN market.



Distribution Transformers



Silicon Steel Cast-Resin Transformers

Product range: Up to 36kV-10 MVA



Amorphous Metal Cast-Resin Transformers

Product range: Up to 36kV-5000 kVA



Succeed in the development and supply of world biggest 3000kVA 3 legs amorphous metal & cast-resin transformers



Global Reference and Service





Global Investment Global Service

Area	Country	Company
ASIA	China	Tatung Information Technology (Jiangsu) Co., Ltd.
		Tatung (Shanghai) Co., Ltd.
		Tatung Compressors (Zhongshan) Co., Ltd.
	Japan	Tatung Company of Japan, Inc.
	Thailand	Tatung (Thailand) Co., Ltd.
	Singapore	Tatung Electronics (Singapore) Pte. Ltd.
		Tatung Information (Singapore) Pte. Ltd.
		Tatung Electric (Singapore) Pte. Ltd.
	Myanmar	Myanmar Tatung Co., Ltd.
	Dubai	TATUNG CO (Dubai)
EUROPE	Czech	Tatung Czech s.r.o
AMERICA	USA	Tatung Co. of America, Inc.
		Tatung Electric Co., of America, Inc.
	Mexico	Tatung Mexico S.A. de C.V

Thanks!

Any questions?

You can always contact us at:

Maxx Lee

maxx@heap.tatung.com.tw

Ricky Chen

ricky@heap.tatung.com.tw

<http://www.tatung.com.tw>