



THE TRAFINDO GROUP
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HISTORY

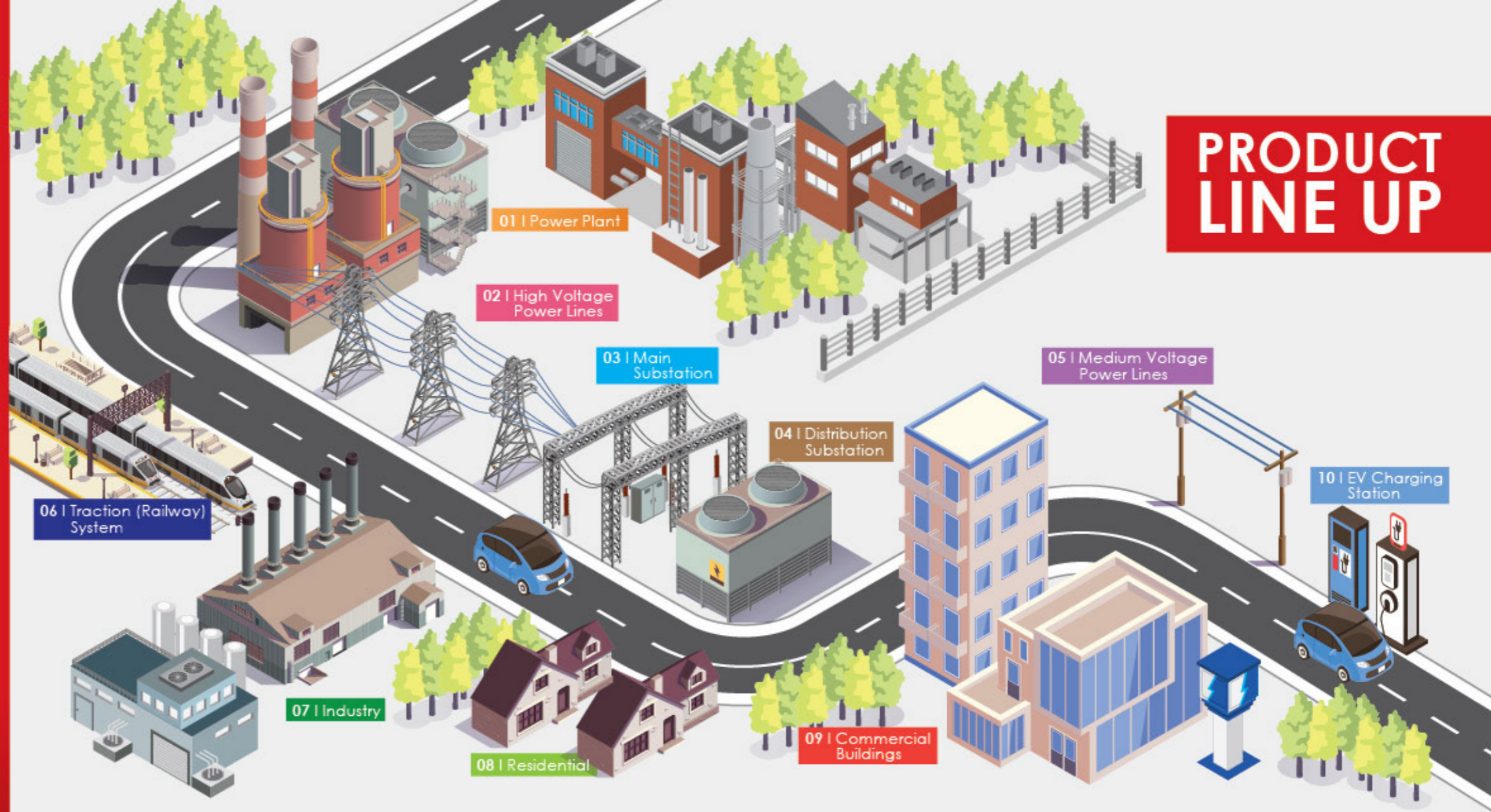
“Trafindo Group is here to power your life”

Since founded in 1981, **PT. Trafindo Prima Perkasa** has been the pioneer of the Indonesian electrical industry. We were the first local manufacturer of transformers in Indonesia, proudly branded “**TRAFINDO**”. We were also the first to manufacture instrument transformers and dry transformers and continue to be the market leader for transformers.

In 2006, **PT. Powerindo Prima Perkasa**, a subsidiary company, was founded to produce mechanical parts and accessories such as lightning arresters and fuse cutouts. **Powerindo** has since grown to be a provider of electrical solutions, including packaged solutions (kiosks) and EV (electric vehicle) chargers.

Ultimately, Trafindo entered the high voltage electrical industry with the establishment of **PT. Trafindo Power Indonesia (TPI)**, a joint venture with Siemens in 2018. TPI manufactures high voltage power transformers to the PLN and heavy industries in the Asian market.

Today, **The Trafindo Group** looks forward to supporting the energy growth in Asia, and will continue to power up your life.



PRODUCT LINE UP

MILESTONE



TP TRAFINDO POWER
PT. TRAFINDO POWER INDONESIA
a Trafindo and Siemens company



PROTEKSINDO
PT. POWERINDO PRIMA PERKASA



<p>01</p> <p>Power Transformer</p>	<p>02</p> <p>HV Polymeric Suspension and Tension Insulator</p>	<p>03</p> <p>Distribution Transformer</p>	<p>04</p> <p>Current / Voltage Transformers</p>	<p>05</p>
<p>06</p> <p>Traction Transformer (dry type)</p>	<p>07</p> <p>Trafo 3D</p>	<p>08</p> <p>Compact Substations</p>	<p>09</p> <p>Dry Type Transformer</p>	<p>10</p>



Oil-Immersed transformers

Trafoindo is most well-known for the oil-immersed transformers. With well-proven track record, we supply the pole-mounted transformers to PLN and the larger ground-mounted units to various sectors.
(up to 4,000 kVA, 36 kV – PLN certified)



By: Trafoindo

Power Transformers

Supported by Siemens, we manufacture power transformers of the highest quality and innovative technology up to 100 MVA and 275 kV.



By: Trafoindo Power



Dry Transformers

Suitable for high-rise buildings and important installations, TRAFINDO cast resin transformers offer higher temperature withstand, longer life, and of course maintenance-free.

(up to 8,000 kVA, 36 kV – ASTA certified)

Special applications:

- Insulation class F or H
- Additional fans for increased cooling and/or capacity
- Environmental class E/C/F
- Optional IP rated enclosure



By: Trafoindo

3D Oil Immersed Transformers

Using 3 identical rectangular frames which are joined to form equilateral triangle, Trafoindo is the first in Indonesia to offer this unique-shaped transformer with symmetrical which offers many advantages unmatched by traditional stacking core transformers:

- Reducing electricity cost especially during low-load periods due to its ability to increase power factor
- Installation sites with sensitive instruments/equipment where special harmonic withstand is required
- As an isolation transformer
- Where low noise level is essential

(200 – 2,000 kVA, 36 kV)



By: Trafoindo



Padmount Transformers

Padmount transformers have the advantage of being complete with the required accessories.

Applications: radial feed or loop feed, special oil.



By: Trafoindo



Neutral Grounding Resistor (NGR)

Commonly installed in medium voltage distribution systems, its function is to limit the grounding current or leakage current which flows from neutral point of transformers or generators to the ground within an initially pre-set value.

By: Trafoindo

MV/LV Stabilizer

An Innovative electrical appliance that enables transformers to supply the load with required output capacity while stabilizing the voltage on the LV side.



By: Trafoindo



Instrument Transformer (CT / VT)

Current and voltage transformers, indoor and outdoor type, installed in switchgears or at powerlines, for protection and metering purposes.
(up to 25 kA, 36 kV, PLN certified, CE marked, ISO 17025-certified)

By: Trafoindo

Special transformers

Various types of transformers with numerous features and different applications, including: on load tap changers, amorphous core, special oil, etc.

Applications include:

- K-rated transformer
- Isolation transformer
- AVR (Automatic Voltage Regulator)
- Earthing/zigzag transformer
- Arc furnace transformer
- Traction transformer
- Three-winding transformer
- Phase-shifting transformer

Whatever your application is, Trafoindo is surely able to cater to your needs.

Please consult our sales engineers.



By: Trafoindo/Trafoindo Power



Mobile Substation

Our Mobile Substation is the perfect temporary power solution to support your activities.

With various products available :

- Unit Gardu Bergerak (UGB) / Mobile substation
- Unit Kabel Bergerak (UKB) / Mobile Cable Trailer
- Unit Cubicle Kabel Bergerak (UCKB) / Mobile Switchgear & Cable Trailer
- Hydraulic Moveable Compact substation



By: Powerindo

MV Line Post, Surge Arrester, FCO, HV Insulator

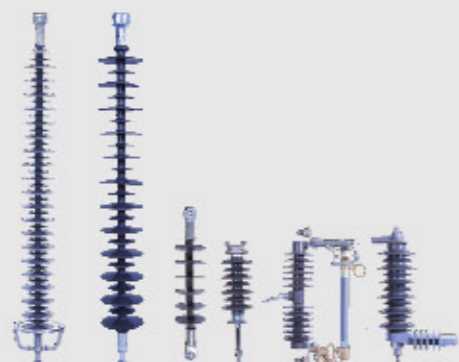
We manufacture high quality polymer insulator and protection for MV & HV overhead distribution lines. Polymer material offers hydrophobic qualities, excellent tracking and erosion, light weight, durable and easy to carry.

Various MV product such as:

- Line Post 24kV
- Dead End 24kV
- Fuse Cut out 100A and 200A
- Surge Arrester 21 and 24kV 10kA

And HV products:

- HV insulator 70kV
- HV Insulator 150kV 120kN and 210kN with Corona Ring
- HV Insulator 275kV 210kN with Corona Ring



By: Powerindo



Gardu Menara dan Gardu Susun

Gardu Menara (Tower Substation) is an integrated distribution substation, designed for underground cable or overhead distribution line.

Gardu Susun (Double Deck Substation) is an integrated compact substation which is designed to be installed with transformer, MV switchgear and LV distribution board.

These products are perfect for densely populated public areas which require small footprint installations.



By: Powerindo

EV Charging

We also provide many options for AC EV Charging and DC Fast Charging suitable for both electric cars and electric buses.

Our integrated system EV charging installation and after sales support surely meets your needs with short lead time.



By: Powerindo

SOLUTIONS

Our wide range of products and services, and more importantly our know-how and experience qualify us to propose the best solutions for your business. Please do not hesitate to contact our sales engineers to discuss what works best for you.

01 Compact Substation or Containerized e-House

Our Compact Substation or Containerized e-House is a flexible solution customised to your needs, especially for projects with space and time constraints and/or located in remote areas.

Features:

- Flexible design adapted to your needs and specifications.
- Proper Coating for mild to high air pollution conditions.
- Built with special consideration on transportation requirements: Fixed, Knockdown or Split design to avoid any problem during transportation and installation at site.

02 Power Shore Connection

We provide adaptive solutions for Power Shore Connection when ship is docked at the port.

Our integrated system (Transformer, MV switchgear, Rotary Frequency converter, LV Distribution Board, Distribution cable, mobile substation) is most effective for your power shore connection.

03 Solution for Solar Energy

We also provide adaptive solutions for Solar Energy applications with an Integrated Skid Housing AC Combiner complete with Transformer, LV MCCB up to 800VAC, Surge Arrester, MV Switchgear, etc.



Our Engineering Solution team can help you in determining adaptive solution that fits your specifications and meets site installation's requirements.

SERVICES

Trafindo Group has a large team of competent technicians to provide various maintenance, testing and services for your electrical installations. Our team is available 24/7 for emergency responses and we are available throughout South East Asia through our affiliated service network.

Our ISO-certified laboratory can carry out a wide range of tests in order to ensure your transformers are in excellent working order.

Please contact us to discuss:

- Integrated Service Packages
- Maintenance Contracts
- Remote monitoring of transformers, and
- Warranty Extensions.

