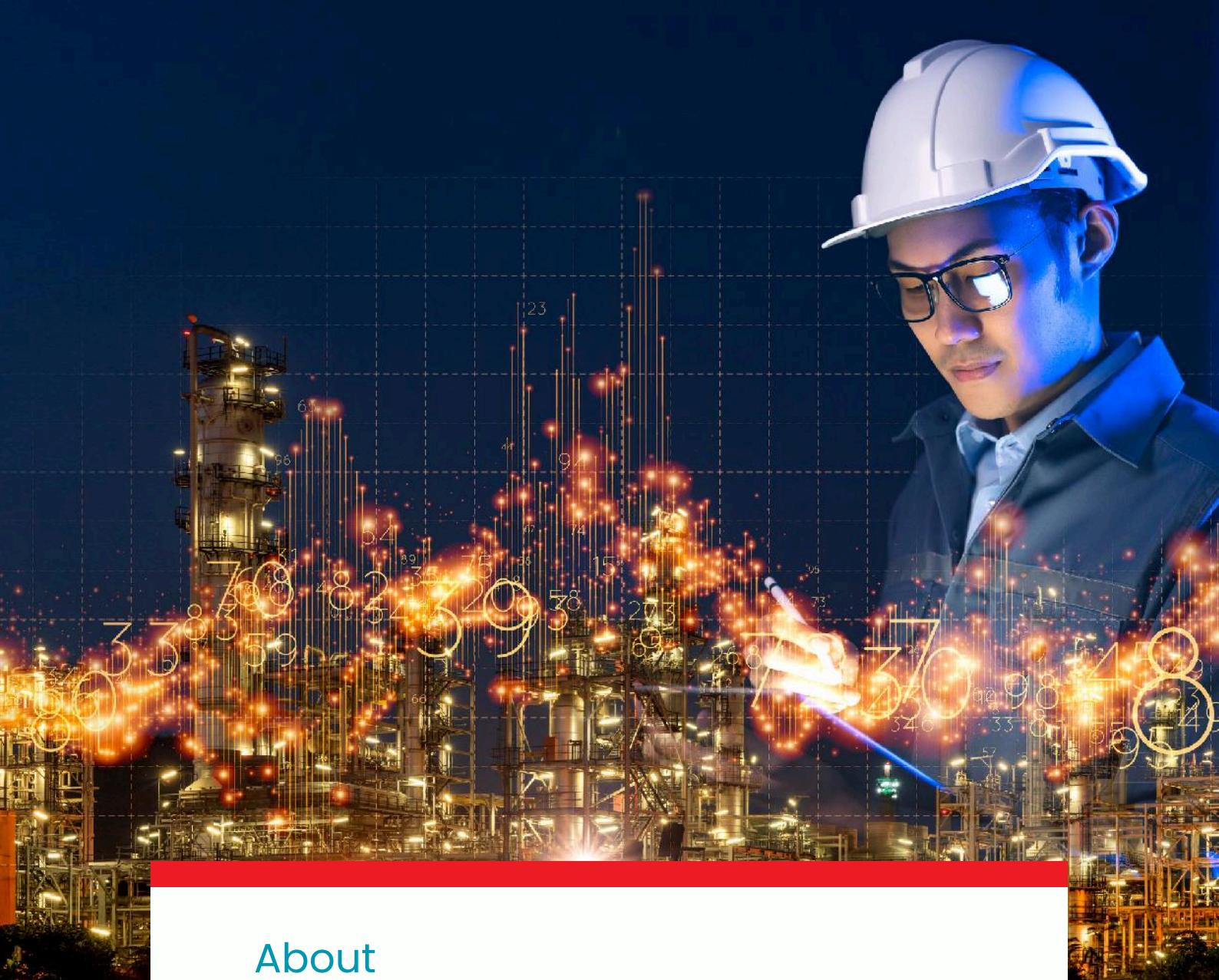


Variable Speed Drive

Product Line Card





About

Powertek Indo Asia

Established in 2015, Powertek stands as Indonesia's provider of electrical switchgear solutions, committed to expanding our innovation and creating advanced integrated electrical environments. As an **official authorized partner of Danfoss**, we are dedicated to ensuring a sustainable energy future by offering cutting-edge variable speed drives and soft starters.

Unlock unparalleled energy-saving potential with Danfoss Drives' tailored solutions. Our AC drives are reliably designed to optimize system efficiency, meeting your application needs for durability.

Whether you prioritize costs, advanced motor technologies, or standardized after sales service, our Danfoss Drives delivers adaptable VLT® or VACON® drives that excel in performance. Experience the freedom to select optimal components for your system, driving potential **energy savings of up to 60%** with us. Trust Danfoss Drives to power your efficiency journey with unparalleled expertise and innovation.

Equipped 24 hours a day, 7 days a week, Powertek provides access to customer support contacts to assist in providing information, addressing your concerns, and offering technical assistance to resolve issues or provide guidance on product usage, installation supervision, commissioning, or troubleshooting.



**Unlock Your System's Potential with Us:
Build Your Own System & Save Up to 60% on Energy**

LOW VOLTAGE STANDALONE DRIVES

VLT® FC 102 HVAC Drive

Supply Voltage and Power Range

- 3 x 200-240 V...1.1-45 kW
- 3 x 380-480 V...1.1-1000 kW
- 3 x 525-600 V...1.1-90 kW
- 3 x 525-690 V...1.1-1400 kW

Precise motor control, ideal for fan and pump applications with a low total cost of ownership.

TYPE-TESTED
IEC 61508 & 62061



VLT® FC 202 Aqua Drive

Supply Voltage and Power Range

- 3 x 200-240 V...0.25-45 kW
- 3 x 380-480 V...0.37 kW – 1 MW
- 3 x 525-600 V...0.75-90 kW
- 3 x 525-690 V...1.1 kW – 1.4 MW

Perfect for pump applications, featuring dedicated energy-saving measures and ensuring high performance in pump and water systems.

TYPE-TESTED
IEC 61508 & 62061

LOW VOLTAGE STANDALONE DRIVES



The VLT® Automation Driver FC 360

Supply Voltage & Power Range

3 x 380 – 480 V 0.37 – 315 kW

A general-purpose drive designed for challenging environments, offering precise and efficient motor control across diverse industrial applications. It uses advanced coating to maximize electronic protection.

VLT® FC 302 Automation Driver



Supply Voltage and Power Range

- 3 x 200-240 V...0.25-37 kW
- 3 x 380-500 V...0.37 kW – 1.1 MW
- 3 x 525-600 V...0.75-75 kW
- 3 x 525-690 V...1.1 kW – 1.4 MW

Built for a wide range of industrial applications, offering intelligent heat management and integrated motion control option to enhance energy-savings and high-performance operation.

LOW VOLTAGE STANDALONE DRIVES

VACON® NXC Standalone Drive

Supply Voltage and Power Range

6- and 12- pulse supplies:

- 3 x 380-500 V...132-1200 kW
- 3 x 525-690 V...110-2000 kW

AFE supplies:

- 3 x 380-500 V...132-1500 kW
- 3 x 525-690 V...110-2000 kW

High-performance drive built for challenging industrial environments, such as those in the mining, oil and gas, and water & wastewater industries. It features an innovative DriveSync option to improve power and redundancy.



VACON® NXP Air Cooled Drive

Supply Voltage and Power Range

- 3 x 208-240 V...0.55-90 kW
- 3 x 380-500 V...1.5-1200 kW
- 3 x 525-690 V...2.0-2000 kW

Designed for challenging industrial environments, such as those in the mining, oil and gas, and water & wastewater industries. It features an innovative DriveSync option to improve power and redundancy.



VACON® 100 INDUSTRIAL

Supply Voltage and Power Range

- 3 x 208-240 V...0.55-90 kW
- 3 x 380-500 V...1.5-1200 kW
- 3 x 525-690 V...2.0-2000 kW

Fully-customizable drives' features designed for multi-purpose applications, ensuring ease of operation and robust performance.

MEDIUM VOLTAGE STANDALONE DRIVES

VACON® 1000 MV Drive

Supply Voltage and Power Range

- 2400-3000 VAC: 150-3530 kVA
- 3300-4160 VAC: 210-4900 kVA
- 6000-6900 VAC: 375-8130 kVA
- 10000-11000 VAC: 625-12960 kVA

Configurable drives suitable for extensive medium-voltage industrial applications, equipped with power cell bypass and redundancy options for reliable and high-performance operation.

TYPE-TESTED
IEC 660721 : Class 3C2



SECTIONAL DRIVES

VACON® NXP Common DC Bus

Supply Voltage and Power Range

Inverter units

- 3 x 380-500 V...1.5-1850 kW
- 3 x 525-690 V...3-2000 kW

Comprehensive range of Common DC Bus drive products, including Active Front End (AFE), non-regenerative, inverter, and brake chopper modules, designed for flexible configuration and customized solutions.



TYPE-TESTED
IEC 61800-5-2



SOFT STARTER AND FILTER



VACON® Soft Starter MCD 600

Supply Voltage Range

- 3 x 200-525 VAC (T5)
- 3 x 380-690 VAC (T7)

Compact and intelligent soft-starter offering high performance for fixed-speed applications, with an integrated bypass option to reduce heat loss and save energy.



Danfoss Advanced Active Filter AAF 007

Line voltage and filter current

- 3 x 380-480 V AC ... 55 A modules.
Maximum 440 A with 8 modules mounted in parallel.

An intelligent harmonic mitigation solution that offers harmonic mitigation, power factor correction, and imbalance compensation to ensure reliable operation.

SERVICE SOLUTIONS

The Powertek Indo Asia's team is fully prepared to support and guide our customers with an integrated solution concept. We are equipped with the latest software, seamlessly integrated into our manufacturing processes to ensure smooth operations. **Our experts are on hand to assist, and we have representatives across Indonesia ready to provide local support.** From initial installation to routine maintenance, our service team are dedicated to meeting and exceeding our customers' expectations.



After Sales

- Genuine Spare Parts
- Responsive to customer concern and problems
- Engineering Support
- Representative Office



Installation Supervision

With a keen eye for detail and a wealth of knowledge in electrical systems, our experienced team excels in delivering precise and efficient installation.



Testing and Commissioning Supervision

We provide thorough testing for system alignment and compliance, ensuring optimal performance and adherence to standards.



Retrofit and Maintenances

Our team is committed to providing customized solutions, enhanced by advanced software like Siemens' SIMARIS and NX Tools.

Solving Your Electrical Challenges: Reliability in Every Connection



www.powertek-indoasia.com



Powertek Indo Asia



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SIEMENS

Danfoss