



CV. CITRA JAYA

INDUSTRIAL AUTOMATION SOLUTIONS

Drive. Control. Integrate.

Reliable variable frequency drives, servo systems and automation components – supplied, integrated and serviced for industry across Indonesia.

● **AUTHORIZED SOLE AGENT – VicRuns**



COMPANY PROFILE

Keeping Your Machinery Running

CV. Citra Jaya is an Indonesian industrial automation solutions provider based in Surabaya, East Java. We supply and support a complete range of electrical parts and industrial equipment – from variable frequency drives and servo systems to PLC & HMI, electrical instruments and industrial components.

As the authorized sole agent for **VicRuns** frequency inverters, we deliver dependable, energy-saving motor control technology backed by genuine spare parts, responsive technical service and hands-on commissioning.

Our promise is simple: quality products, honest advice and reliable after-sales support that reduce downtime, save energy and help your operation grow.

◆ Sales & Supply

Drives, servo, PLC/HMI & parts

◆ System Integration

Design, build & commissioning

◆ Motor & Inverter Repair

In-house service & support

◆ Genuine Parts

Original spares & warranty

Inverter (AC Drive)

Servo System

PLC & HMI

Industrial Parts

Electrical Instruments

System Integration

Motor & Inverter Repair



FREQUENCY INVERTER

VicRuns VD20

Compact, general-purpose variable frequency drive for pumps, fans, conveyors and everyday industrial motor control – in a space-saving book-style body.

V/F & SVC Control

IP20

RS-485 Modbus-RTU

0.4 - 2.2 kW

220 V · Single & Three Phase
(VD20-2S / VD20-2T)

0.4 - 11 kW

380 V · Three Phase
(VD20-4T)



Key Features

⚡ Excellent Control Performance

Advanced motor-control algorithm with multiple control modes adapts to complex operating conditions.

🔥 Over-Current & Over-Voltage Suppression

Real-time monitoring limits load current and bus voltage to prevent nuisance trips under heavy or fluctuating loads.

📖 Book-Style Narrow Body

Slim 118 mm-wide design saves panel space and lets multiple units mount side by side.

🔧 Flexible Installation

Side-by-side, DIN-rail or side mounting (≤ 2.2 kW) – no extra clearance needed between units.

🌀 Independent Air Duct Design

Fully independent airflow path raises the protection level and suits harsh working conditions.

🔧 Tool-Free Fan Replacement

The cooling fan can be swapped without opening the cover, simplifying on-site maintenance.

At a Glance

600 Hz

MAX OUTPUT FREQ.

150%/60s

OVERLOAD CAPACITY

0.5-12 kHz

CARRIER FREQUENCY

±15%

VOLTAGE TOLERANCE

Typical Applications

• Pumps & Fans

• Conveyors & Material Handling

• Packaging Machinery

• Food & Beverage

• Water Treatment

• General Automation

Compact, Service-Friendly Design

01 Clearly Labeled Terminals

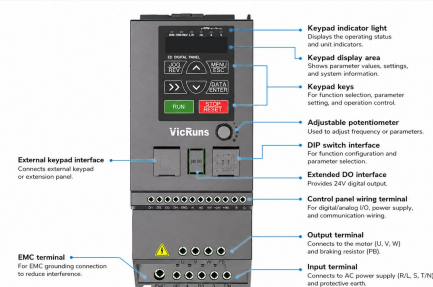
Simple, reasonable layout makes wiring fast and error-free.

02 Slim 118 mm Body

Narrow book-style casing lines up neatly inside the panel.

03 Easy On-Site Maintenance

Tool-free fan access and independent air duct for reliable cooling.





HIGH-PERFORMANCE INVERTER

VicRuns VD60Plus

High-performance flux-vector inverter with book-style narrow body – built for heavy-duty, high-precision motor control from **0.75 kW up to 800 kW**.

SVC & FVC Vector

Up to 800 kW

IP20

Plug-In Expansion

0.75-18.5 kW

220 V · 1-Ph
VD60Plus-2S

0.75-18.5 kW

220 V · 3-Ph
VD60Plus-2T

0.75-800 kW

380 V · 3-Ph
VD60Plus-4T

Key Features

Advanced Flux Vector Control

Built-in flux & torque closed-loop control (SVC / FVC), fully decoupled for excellent dynamic response.

High Starting Torque

Up to 200% rated torque at zero speed in closed-loop mode, stable down to 0.01 Hz under heavy load.

Over-Voltage / Over-Current Suppression

Real-time suppression enables fast shutdown without a braking resistor and prevents nuisance trips.

High-Speed Weak Magnetic Control

New algorithm supports up to 12× weak-magnetic output, with output frequency up to 600 Hz.

Book-Style Narrow Body

≈60% smaller than the previous VD550 platform, with top-to-bottom heat dissipation for side-by-side mounting.

Flexible Plug-In Expansion

I/O, PG (ABZ / Resolver) and comms cards (Profinet, CANopen, Profibus-DP) swap without removing screws.

At a Glance

1:1000

SPEED RANGE (FVC)

0.02%

SPEED ACCURACY (FVC)

600 Hz

MAX OUTPUT FREQ.

≤110 kW

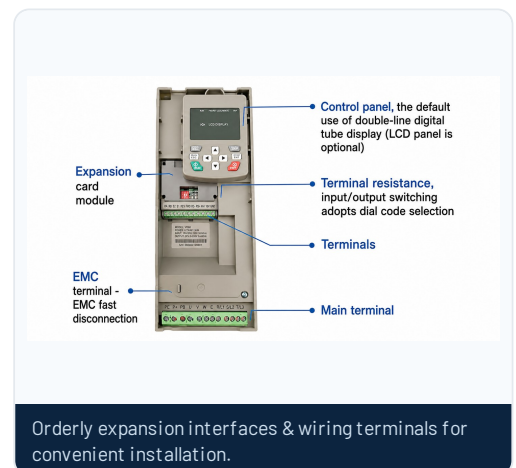
BUILT-IN BRAKING UNIT

Drives Many Motor Types

- Asynchronous
- AC Servo
- Synchronous / PMSM
- High-Speed
- Spindle

Typical Applications

- Petrochemical
- Construction Machinery
- Port Equipment
- Mining
- Metallurgical
- Machine Tools
- Smart Manufacturing
- Textile & Tension





BEYOND DRIVES

Products & Services

▲ Inverter (AC Drive)

VicRuns, Sinee, Sanken — full VFD range, sizing & supply.

▲ PLC & HMI

Controllers & operator panels for automated lines.

▲ Electrical Instruments

Meters & measurement devices for monitoring.

▲ Servo System

Servo drives & motors for precise motion control.

▲ Industrial Parts

Contactors, breakers, sensors & genuine spares.

▲ System Integration

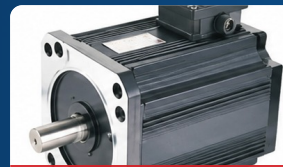
Panel design, build, wiring & on-site commissioning.

Motor & Inverter Repair

In-house diagnosis and repair for induction, servo and spindle motors as well as inverters — helping you cut downtime and extend equipment life.



Induction



AC Servo



Spindle

Brands We Carry

VicRuns

Frequency Inverters — Sole Agent

Sinee

Drives & Automation

Sanken

Inverters & Power

VicRuns Inverter Line-Up

● VD20 — Compact General Purpose

● VD60Plus — High-Performance Vector

● VD30A

● VD83H

● & more on request

Why Work With Us



Authorized Sole Agent

Genuine VicRuns products & documentation.



Genuine Parts & Warranty

Original spares with proper support.



Local Technical Support

Sizing, commissioning & troubleshooting.



In-House Repair

Fast motor & inverter service turnaround.

Let's Talk

Contact us for pricing, stock availability and technical support.



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