VOLT CONTROL SYSTEM

ENGINEERED FOR RELIABLE POWER.

POWER CONDITIONING / DHAIRYA & VAJRA

Stable power. Precise control.

Servo Controlled Voltage Stabilizer

60-90

kVA

Three-phase
Air-cooled
Automatic / Manual

Engineered for dependable industrial voltage regulation.



Representative product photograph.

415 V ±1%

REGULATED OUTPUT

100%

CONTINUOUS DUTY

11 models

DHAIRYA & VAJRA

ENGINEERED FOR RELIABILITY. BUILT FOR INDUSTRY.

01 / MODEL SELECTION

Choose your range.

Dhairya and Vajra models. One common enclosure. Input options matched to your installation.

COMMON OUTPUT

415 V AC ±1% | Three phase

60 kVA — DHAIRYA

- NR — **360-460 V** — VCS-Dhairya-60 NR
- MR — **340-480 V** — VCS-Dhairya-60 MR

70 kVA — DHAIRYA

- NR — **360-460 V** — VCS-Dhairya-70 NR
- MR — **340-480 V** — VCS-Dhairya-70 MR

80 kVA — DHAIRYA

- NR — **360-460 V** — VCS-Dhairya-80 NR
- MR — **340-480 V** — VCS-Dhairya-80 MR

90 kVA — DHAIRYA

- NR — **360-460 V** — VCS-Dhairya-90 NR
- MR — **340-480 V** — VCS-Dhairya-90 MR

40 kVA — VAJRA

- WR — **300-480 V** — VCS-Vajra-40 WR
- XR — **250-480 V** — VCS-Vajra-40 XR

50 kVA — VAJRA

- WR — **300-480 V** — VCS-Vajra-50 WR

Input ranges are AC phase-to-phase. Additional input options and customized requirements are available on request.

02 / TECHNICAL SPECIFICATIONS

Performance, defined.

Common operating specifications for the listed air-cooled models.

ELECTRICAL & CONTROL	
Supply	Three phase
Input voltage	Model-dependent; see page 02
Output / regulation	415 V AC / ±1%
Frequency	50 / 60 Hz
Duty cycle	100% continuous
Control	Servo controlled
Operating modes	Automatic / Manual
Cooling	Air cooled

PERFORMANCE & CONSTRUCTION	
Efficiency	98% or higher
Response time	10 ms
Correction rate	Up to 60 V/sec
Output waveform	Replication of input
Waveform distortion	No added distortion
Insulation	F-Class
Ambient conditions	0-45°C @ 90% RH
Bypass switch	Optional, built-in

COMMON ENCLOSURE

400 × 770 × 1130 mm
WIDTH × DEPTH × HEIGHT

~300 kg
APPROX. WEIGHT

Monitoring & protection

Digital parameter display; input/output voltage and operating-status indication. High/low voltage, overload, short-circuit, phase failure and phase reversal protection; fault-trip indication and alarm provision.

Heavy-duty sheet metal enclosure with castor wheels and lifting eyes. Protection and detailed performance parameters are subject to the selected configuration and approved technical datasheet.

03 / PRODUCT VIEWS & APPLICATIONS

Built for your industry.



01 CONTROL FRONT



02 SIDE / REAR



03 INTERNAL VIEW

Representative product views. Configuration varies with the selected model.

Industrial applications

- CNC & machine tools
- Manufacturing & automation
- Pharmaceutical & process plants
- Testing & commercial facilities

In-house engineering and manufacturing in Pune, backed by over four decades of electrical manufacturing expertise. Customized power-conditioning solutions with dedicated technical support.

Let’s engineer your power requirement.

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Due to continuous improvement, specifications, dimensions, weight and design may change without prior notice.