POWER CONDITIONING / VAJRA SERIES

Stable power. Precise control.

Servo Controlled Voltage Stabilizer

30-50
kVA

Three-phase
Air-cooled
Automatic / Manual

Engineered for dependable industrial voltage regulation.



Representative product photograph.

415 V ±1%
REGULATED OUTPUT

100%
CONTINUOUS DUTY

13 models
VAJRA SERIES

ENGINEERED FOR RELIABILITY. BUILT FOR INDUSTRY.

01 / MODEL SELECTION

Choose your range.

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

COMMON OUTPUT

415 V AC ±1% | Three phase

30 kVA — VAJRA

- **NR** — 360-460 V — VCS-Vajra-30 NR
- **MR** — 340-480 V — VCS-Vajra-30 MR
- **WR** — 300-480 V — VCS-Vajra-30 WR

40 kVA — VAJRA

- **NR** — 360-460 V — VCS-Vajra-40 NR
- **MR** — 340-480 V — VCS-Vajra-40 MR
- **WR** — 300-480 V — VCS-Vajra-40 WR

50 kVA — VAJRA

- **NR** — 360-460 V — VCS-Vajra-50 NR
- **MR** — 340-480 V — VCS-Vajra-50 MR

25 kVA — VAJRA

- **WR** — 300-480 V — VCS-Vajra-25 WR
- **XR** — 250-480 V — VCS-Vajra-25 XR

20 kVA — VAJRA

- **WR** — 300-480 V — VCS-Vajra-20 WR
- **XR** — 250-480 V — VCS-Vajra-20 XR

15 kVA — VAJRA

- **XR** — 250-480 V — VCS-Vajra-15 XR

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

380 × 650 × 875 mm
LENGTH × DEPTH × HEIGHT

~200 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 VIEW



03 REAR 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.