DHAIRYA SERIES / POWER CONDITIONING

Precision voltage stabilization.

Servo Controlled Voltage Stabilizer

Oil-cooled, three-phase voltage regulation. Select the capacity and input range suited to your installation, with a common 415 V ±1% output.



Representative Dhairya product photograph.

70-150 kVA
CAPACITY RANGE

415 V ±1%
THREE-PHASE OUTPUT

380-420 V
SELECTABLE OUTPUT

MODEL SELECTION / FIND YOUR DHAIRYA

The right range.
The right capacity.

Choose your capacity below, then select the input-voltage variant that matches your installation.

COMMON OUTPUT

415 V ±1% | Three phase | Selectable 380-420 V

70 kVA

VCS-Dhairya-70

NR	360-460 V	MR	340-480 V
WR	300-480 V	XR	250-480 V

80 kVA

VCS-Dhairya-80

NR	360-460 V	MR	340-480 V
WR	300-480 V	XR	250-480 V

90 kVA

VCS-Dhairya-90

NR	360-460 V	MR	340-480 V

100 kVA

VCS-Dhairya-100

NR	360-460 V	MR	340-480 V

125 kVA

VCS-Dhairya-125

NR	360-460 V	MR	340-480 V

150 kVA

VCS-Dhairya-150

NR	360-460 V	MR	340-480 V

Model code: VCS-Dhairya-[capacity] [variant], e.g. VCS-Dhairya-70 WR.
Input ranges are AC phase-to-phase. Additional input options can be customized on request.

TECHNICAL SPECIFICATIONS / CONTROL & PROTECTION

Engineered for stable power.

Series	VCS Dhairya
Rated capacities	70, 80, 90, 100, 125 and 150 kVA
Supply system	Three phase
Input voltage	Model-dependent; see selection table
Output voltage	415 V AC ±1%, three phase
Output selection	380-420 V AC, phase-to-phase
Output regulation	±1%
Control system	Servo controlled
Operating modes	Automatic / Manual
Duty cycle	100% continuous
Cooling method	Oil cooled - ONAN
Monitoring	Digital electrical parameter display
Output waveform	Replication of input waveform
Enclosure	Heavy-duty sheet metal
Dimensions (L x W x H)	825 x 1035 x 1165 mm
Weight	Approx. 650 kg

Operation & monitoring

Input and output voltage indication.
Fault, trip and output-on indication.
Audio-visual fault alarm.

Protection options

High / low voltage; overload and short-circuit.
Phase failure and phase reversal.
Adjustable electronic protection.

Protection, bypass provision and detailed performance parameters are subject to the selected configuration and approved technical datasheet.

PRODUCT VIEWS / APPLICATIONS & CONTACT

Built for industry.



FRONT VIEW



SIDE VIEW



RADIATOR / REAR VIEW

Representative product views. Equipment configuration varies with the selected model.

Application sectors

Industrial manufacturing • CNC and precision machine tools
Automation and control • Pharmaceutical and chemical plants
Testing facilities • Process and commercial industries

Why Volt Control System

Established in 2005, backed by over four decades of electrical manufacturing expertise. In-house engineering and manufacturing in Pune, with customized power-conditioning solutions.

Due to continuous product improvement, specifications, dimensions, weight and design are subject to change without prior notice.

LET'S ENGINEER YOUR POWER REQUIREMENT.

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