POWER QUALITY & LOAD

10 kVA

Single phase AC load bank

Controlled loading. Clear measurement.

230 V AC

Single-phase input

Manual

Selectable load steps

Fan interlock

Cooling-linked loading



10 kVA	43.5 A	60 kg
Rated capacity	Approx. rated current	Approx. weight

230 V auxiliary supply | Digital voltage & current display

Technical specifications

Manual load selection with individual step protection and forced-air cooling.

Rated capacity	10 kVA, single-phase
Load input supply	230 V AC, single-phase
Auxiliary supply	230 V AC, single-phase
Rated load current	Approx. 43.5 A at 230 V, excluding auxiliary consumption
Load operation	Manual selection of individual load steps
Fixed load steps	1 + 2 + 2 + 5 kVA
Variable load option	0–1 kVA in place of the fixed 1 kVA step
Metering	Digital display of input voltage and load current
Input indication	LED indication for input supply availability
Cooling	Forced-air cooling
Fan interlock	Load operation interlocked with cooling-fan operation
Load-step protection	Individual MCB for each load step
Auxiliary protection	Separate MCB for the auxiliary supply
Overall dimensions	450 × 650 × 1300 mm
Approximate weight	60 kg
Customisation	Load-step combinations and control arrangements

Load configuration: Fixed steps total 10 kVA. If an additional 0–1 kVA variable step is provided, an interlock is required to restrict the simultaneous load to 10 kVA.

Rating: Load ratings apply at 230 V AC. For a purely resistive load at unity power factor, 10 kVA corresponds to 10 kW.

Built for practical operation

Accessible front controls, visible metering and a dedicated cooling grille.



Front view



Front three-quarter view



Rear view

Configured around your load requirement

Customised load-step combinations and control arrangements are available to suit customer requirements.

Volt Control System

Office: Unit 06, Electronics Sadan - 01, MIDC, Bhosari, Pune - 411026.
Factory: Units 07, 17, 18 & 21, Electronics Sadan - 01;
Unit 03, Electronics Sadan - 02, MIDC, Bhosari, Pune - 411026.

+91 9834816500 / +91 9112691191

sales@voltcontrolsystem.com

Continuous improvement may change dimensions without prior notice.