

SINCE 1995



|| Sarthi ||[®]

CONSTANT VOLTAGE TRANSFORMER (CVT) (1Ø-3Ø)



Special Range for
3Ø CVT
(150VA-5KVA)

**Customized
CVT & UIT
also Available**

ULTRA ISOLATION TRANSFORMER (UIT) (1Ø-3Ø)



1Ø
(1KVA-25KVA)

3Ø
(3KVA-500KVA)



ABC Power Systems
GUJARAT
www.upsworld.net

AN ISO
9001:2008
CERTIFIED
COMPANY

CONSTANT VOLTAGE TRANSFORMER(CVT)

TECHNICAL SPECIFICATION

Specifications	
Capacity	150 VA to 5 KVA
Input	160V - 280 VAC
Output	230 ± 1%
Freq.	50Hz
Rate of Correction	250 Volts / Second
Efficiency	85%(With Full Load)
Coupling Capacitance	Less than 0.005PF
Audible Noise	<50db
Optional	High / Low Voltage Cut off, Time Delay
Advantages of CVT	<ul style="list-style-type: none"> ◆ Maintenance - Free (No moving parts) ◆ Very Fast Correction Speed ◆ Zero Voltage Potential between output Natural & Ground ◆ Total Galvanic Isolation ◆ Protected against Overload / Short Circuit ◆ Rectifies Distorted Input Wave forms to Sinewave forms
Application	<ul style="list-style-type: none"> ◆ Personal Computer ◆ Weigh Bridge ◆ Biomedical Equipments ◆ EPABX, Fax Machines ◆ Wheel Alignment Machine ◆ Sensitive Micro-Processor based Electronic Equipments
Physical Size (MM)	Capacity H. x W. x D.
	150VA 170 x 210 x 315
	500VA 200 x 225 x 360
	1KVA 255 x 280 x 435
	2KVA 370 x 300 x 515

ULTRA ISOLATION TRANSFORMER (UIT) (1Ø-3Ø)

TECHNICAL SPECIFICATION

Specifications	
Output Voltage	Input Voltage
Efficiency	>95%
Capacity	150 VA to 25 KVA (1Ø) / 3KVA to 500 KVA (3in-3 Out / 3in-1 Out)
Coupling Capacitance	0.005 to 0.009 PF
Feature & Protections	<ul style="list-style-type: none"> ◆ Isolation from the nosiy power line ◆ Coupling Capacitance 0.005 to 0.009 PF ◆ Break Down Strength : 2500 Volts AC for 2 Minutes ◆ Total Galvanic Isolation ◆ Netural Isolated, So Elimination from Earthing Problem
Application	◆ Communication & Process Control Equipments ◆ CNC Machine ◆ Medical Equipments
Physical Size (MM)	Capacity H. x W. x D.
	1KVA (1Ø) 200 x 170 x 260
	5KVA (1Ø) 225 x 230 x 350
	10KVA (1Ø) 500 x 550 x 570

*Specification are subject to change without prior notice due to constant improvement in design & technology.



Mfg by :

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Authorised for Sarthi Power Products