

SINCE 1995



|| Sarthi ||[®]

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



Special Range for

3Ø CVT

(150VA-5KVA)

**Customized
CVT & UIT
also Available**

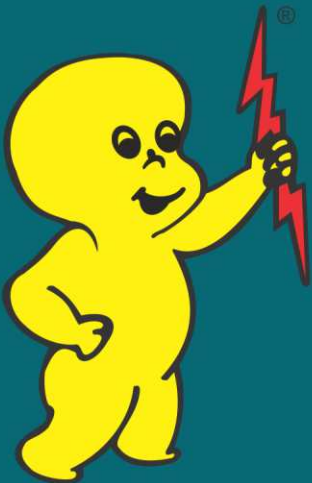
ULTRA ISOLATION TRANSFORMER (UIT) (1Ø-3Ø)



1Ø
(1KVA-25KVA)



3Ø
(3KVA-500KVA)



Sarthi Powertronics LLP
www.sarthipowertronics.com



CONSTANT VOLTAGE TRANSFORMER(CVT)

TECHNICAL SPECIFICATION

Specifications						
Capacity	150 VA to 5 KVA					
Input	160V - 280 VAC					
Output	230 $\pm$ 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	♦ 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	♦ 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	♦ 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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Sarathi Powertronics LLP
www.upsworld.net

Authorised for Sarthi Power Products