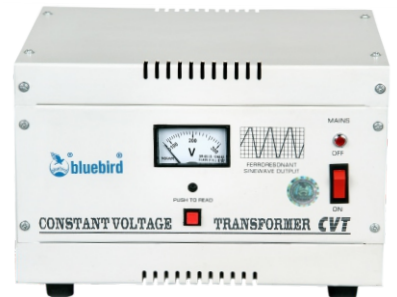




bluebird[®]
the most reliable

Automatic Voltage Stabilizer | Servo Voltage Stabilizer | Constant Voltage Transformer



OVER 4 DECADES OF LEADERSHIP

An ISO 9001 : 14001 : 2015 Certified Company

www.bluebirdstabilizer.com / Toll Free No. 1800110717



bluebird®

Automatic Voltage Stabilizer

bluebird® is a leading manufacturer of high quality voltage stabilizer. Our aim is to incorporate the latest technology & to provide stable & high quality products.

Features

- ★ Advanced Micro Controller Technology circuit ensuring zero switching of Relay contact making it more durable.
- ★ Installed with unique designed vacuum impregnated EI transformer/toroidal transformer ensures less heating, high efficiency & low power consumption.
- ★ Elegantly designed Powder coated metallic Chasis.
- ★ Quality components with high reliability promises maximum safety.
- ★ Rigorously tested as per IS standards (IS : 8448: 1989)
- ★ All models available in Copper & Aluminum transformer.

Specifications

- ★ Working Range
 - 170 - 270 Volts
 - 150 - 280 Volts
 - 140 - 280 Volts
 - 130 - 280 Volts
 - 100 - 270 Volts
 - 80 - 270 Volts
- ★ Capacity
 - 0.35 KVA to 10.0 KVA
 - (Other specifications) available on request

OPTIONAL FEATURES :

- ★ Low & High Voltage trip with Time Delay also available.



Stabilizer (LCD/LED TV)



Stabilizer for Refrigerators



Main Line Stabilizer



Main Line Stabilizer



bluebird®

Servo Voltage Stabilizer



Three Phase Oil Cooled 30 KVA - 1200 KVA



Single Phase : 3 KVA - 7.5 KVA



Single Phase : 10 KVA - 15 KVA

TECHNICAL SPECIFICATIONS

- Capacity
1 KVA to 100 KVA (Single Phase)
3 KVA to 1500 KVA (Three Phase)
- Input Voltage
180 V - 270 V, 160 V - 260 V (Single Phase)
330 V - 460 V, 300 V - 460 V (Three Phase)
(other ranges available on specific order)
- Output Voltage
220 V / 230 V / 240 V Single Phase (adjustable)
380 V / 400 V / 415 V Three Phase (adjustable)
- Regulation
+/-1% or better.
- Supply Frequency
47 Hz - 53 Hz.
- Efficiency
better than 97%
- Effect of Load Power Factor
Nil
- Wave form Distortion
Nil
- Rate of Correction
Better than 36 V / sec. in air cooled models
Better than 20 V / sec. in oil cooled models
- Duty Cycle
100% continuous
- Response Time
Less than 100 ms.
- Cooling
Air / Oil as per requirement
- Over Load Capability
Upto 200% momentarily
- No Load Losses
Less than 0.8% over entire range
- Suitability
Suitable for 3Ph. unbalanced / balanced supply
& unbalanced / balanced load.
- Mounting
On Wheels
- Earthing
Earthing Terminals Provided.



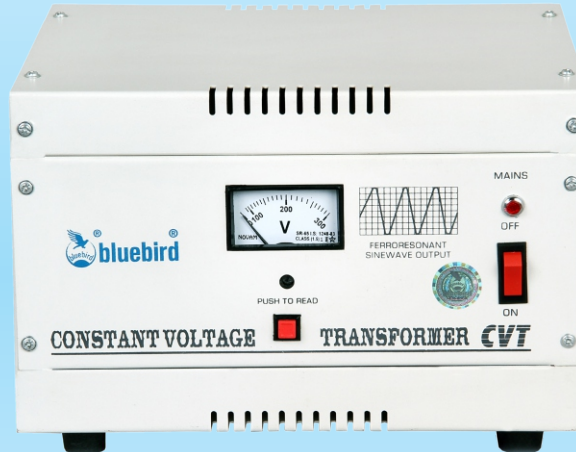
Three Phase Air Cooled : 3 KVA - 50 KVA

all specifications are subject to change due to technology upgradation without notice.



bluebird®

Constant Voltage Transformer



SPECIFICATIONS

Input Voltage	:	180-260, at rated load
Output Voltage	:	220/230V+/-1%
Frequency	:	50Hz+/-1%
Response Time	:	30 milliseconds
Efficiency	:	90% (app) under full load condition
Output wave form	:	Sinusoidal
Wave form distortion	:	less than 4% under full load condition.
Load Power Factor	:	0.75% lag to 0.9% lead
Ambient Temp.	:	-5° to 50° c
Effect of line frequency	:	1% (app) change in output voltage for every 1% change in line frequency

RECOMMENDATIONS

- Place the CVT away from equipment and all magnetic display and storage devices like diskettes, monitors, tapes etc.
- It is safer to connect CVT to mains supply through a 3 Pin socket ensuring thereby the availability of proper 'Earth' connection.
- Switch ON the CVT first then the attached peripherals and while switching OFF, switch OFF attached peripherals first and then the CVT.
- In case of supply from a generator, check frequency, CVT is not to be used if frequency variation is beyond 50 +/-1Hz.
- Switch OFF the CVT when not in use.
- Not to be used for high inductive LOADS like motors.

BLUEBIRD POWER CONTROLS PVT. LTD

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