



## RANGE OF PRODUCTS

- SERVO VOLTAGE STABILIZER
- ONLINE & OFFLINE UPS
- ULTRA ISOLATION TRANSFORMER
- CONSTANT VOLTAGE TRANSFORMERS (CVT)
- INVERTER ■ TIME SWITCH
- AUTOMATIC & MANUAL VOLTAGE STABILIZER
- LED/LCD GUARD
- 1PH-3PH MAIN LINE DIGITAL VOLTAGE STABILIZER



**MSME**  
सूक्ष्म, लघु एवं मध्यम उद्यम  
MICRO, SMALL & MEDIUM ENTERPRISES



2108, Shiv-Shakti BKC House, Shivgram,  
Salbari, Matigara, Siliguri, Darjeeling, WB-734002

GSTIN/UIN: 19AFHPC4726R1ZX | UDYAM-WB-06-0033434

BO: Delhi | Mumbai | Chennai | Guwahati

**"Empowering Your Future With Reliable, Sustainable and Innovative Power Solutions"**

## SINGLE PHASE SERVO VOLTAGE STABILIZER

### Technical Specification

<b>Input Voltage Range</b>	: 160V-280V, 140V-280V 100V-300V AC
<b>Output Voltage</b>	: 230V ± 1% AC adjustable
<b>Rated Operating Frequency</b>	: 50Hz ± 2%
<b>Input/Output Connection</b>	
<b>Up to 5 KVA</b>	: 15Amps, Plug and Socket
<b>Over 5 KVA</b>	: Terminal for input & output connection
<b>Cooling</b>	: Air Cooled
<b>Rate of Correction</b>	: Up to 70V per second
<b>Efficiency</b>	: More than 95%
<b>Duty Cycle</b>	: 100%



1 KVA TO 5 KVA



7 KVA TO 20 KVA

### Salient Features

- Efficiency** : Using High-grade laminations and electrolytic grade copper wires, gain efficiency of up to 98%
- Display Module** : Digital Microprocessor Base Control Input-Output-Hz (Freq.) Load AMP Time Delay Conting Set & Edit Facility
- Protection Standard** : Short circuit and Overload protection-By Raley ON Delay Wait Facility for Harmonic : Confirming to ISO: 9001:2015
- Mobility Advantage** : Ruggedized construction, castor-mounted for easy movement : Improve Life of all Valuable Equipments

Latest  
**Microcontroller**  
Based Technology

### Ideal For

- Embroidery Machines
- Signaling Instruments
- Computers & peripherals
- Transmitters
- Scientific Instruments
- Laboratory equipments
- Musical System / Home Theater
- CNC Machine
- Food Processing And Pharma Machines
- Process Industries

## 3 PHASE SERVO VOLTAGE STABILIZER (AIR COOLED) (OIL COOLED)

### :: Technical Specifications ::

<b>Capacity, KVA Rating</b>	: 3KVA to 2000KVA
<b>Input Voltage Range</b>	: 340V to 480V / 300V to 500V / 240V to 480V AC (Balanced or Unbalanced Design Available)
<b>Output Voltage (3Ph)</b>	: 415V ± 1%
<b>Rate of Correction</b>	: Up to 100V per sec
<b>Response Time</b>	: 10m sec
<b>Efficiency</b>	: 95%
<b>Waveform Distortion</b>	: Nil
<b>Line Frequency</b>	: 47 to 60 Hz
<b>Cooling</b>	: Air-Cooled up to 75KVA, Oil-Cooled for higher KVA Range
<b>Protection</b>	: Automatic High/Low voltage cutoff, Overload and Short circuit Protection with Contactor

Latest  
**Microcontroller**  
Based Technology



3 KVA TO 100 KVA



40 KVA TO 1500 KVA

### :: Salient Features ::

- Efficiency** : Using high-grade laminations and electrolytic grade copper wires, gain efficiency of upto 98%
- Display Module** : Fully Programmable Large 20x4 LCD Display with Backlight, Input & Output Voltage & Current Indication.
- Front Panel Controls**: Auto/Manual Facility of operation
- Protection Standard** : Short circuit and Overload By Power Contactors : Confirming to ISO:9001:2015
- Mobility Custom** : Ruggedized construction, castor-mounted for easy movement : Custom-built specification and design available on request

### Ideal For

- Offset printing Machines
- CNC Machines
- Telecommunication exchanges
- Air Conditioning Plants
- Escalators & Elevators
- Bungalows & Farm House
- General Laboratory equipment
- Hospitals / Hotels
- Industrial & lighting Loads
- Petrol Pump

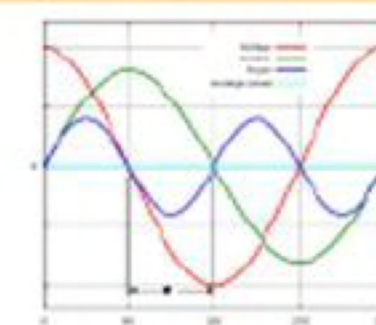
## MAIN LINE DIGITAL VOLTAGE STABILIZER

### Ideal For :

SPECIALLY COMPACT DESIGN FOR...  
FLAT, HOME, OFFICE & WEEKEND HOME IN **POOR ELECTRICITY AREA**

### FEATURES

- WIDE INPUT VOLTAGE RANGE: 300V TO 500V (3 PHASE) OR 170V TO 290V (SINGLE PHASE)  
OUT PUT VOLTAGE: 415V ± OR 230V ± 6%
- WITH HIGH & LOW VOLTAGE CUTOFF AND TIME DELAY
- WITH BYPASS ROTARY SWITCH (L & T)
- WITH 3 DIGITAL METER
- STANDARD COMPONENTS AND PARTS
- WALL-PANEL MOUNT Cum TABLE TOP MODEL
- AFFORDABLE PRICE
- 7 TANK PROCESS POWDER COATED (IP-60) BODY
- MODELS : 15, 20, 25, 30 AND 35 KVA Size : L-450 X W-170 X H-680



### FEATURES

- INPUT VOLTAGE RANGE : 160V to 300V AND 120V to 300V  
OUTPUT VOLTAGE : 230V ± 5%
- WITH HIGH & LOW VOLTAGE CUTOFF AND TIME DELAY
- WITH BYPASS ROTARY SWITCH (L & T)
- WITH DIGITAL METER
- MICRO CONTROLLER BASE ZERO CROSSING 'RELAY' SYSTEM FOR PERFECT & FAST VOLTAGE CORRECTION
- STANDARD COMPONENTS AND PARTS
- WALL-PANEL MOUNT Cum TABLE TOP MODEL
- AFFORDABLE PRICE
- 7 TANK PROCESS POWDER COATED (IP-60) BODY
- MODELS : 5, 7, 10, 15 & 20 KVA Size : L-300 X W-360 X H-300

### Single Phase



3 PHASE

## LOW FREQUENCY 1 PH & 3 PH ONLINE UPS



B1kVA-20kVA series is based on double conversion on-line intelligent UPS, is designed for industrial manufacture environment, is the real double conversion on-line high-performance power frequency sine wave UPS. Key components in redundancy design, adopt advanced industrial power device, superior performance of SPWM inverter and international advanced technology such as intelligent multi-mode battery management technology, and plenty of power management software, has been widely used in metallurgy, chemical industry, Offset Printing Press, glass, electronics, automobile and other fields.

## HIGH FREQUENCY 1 PH & 3 PH ONLINE UPS



## 1 PH OFFLINE UPS



- Excellent Microprocessor Control
- Equipped with Boost and Back AVR
- Cold Start Function
- Off line Charging
- No Load Shutdown

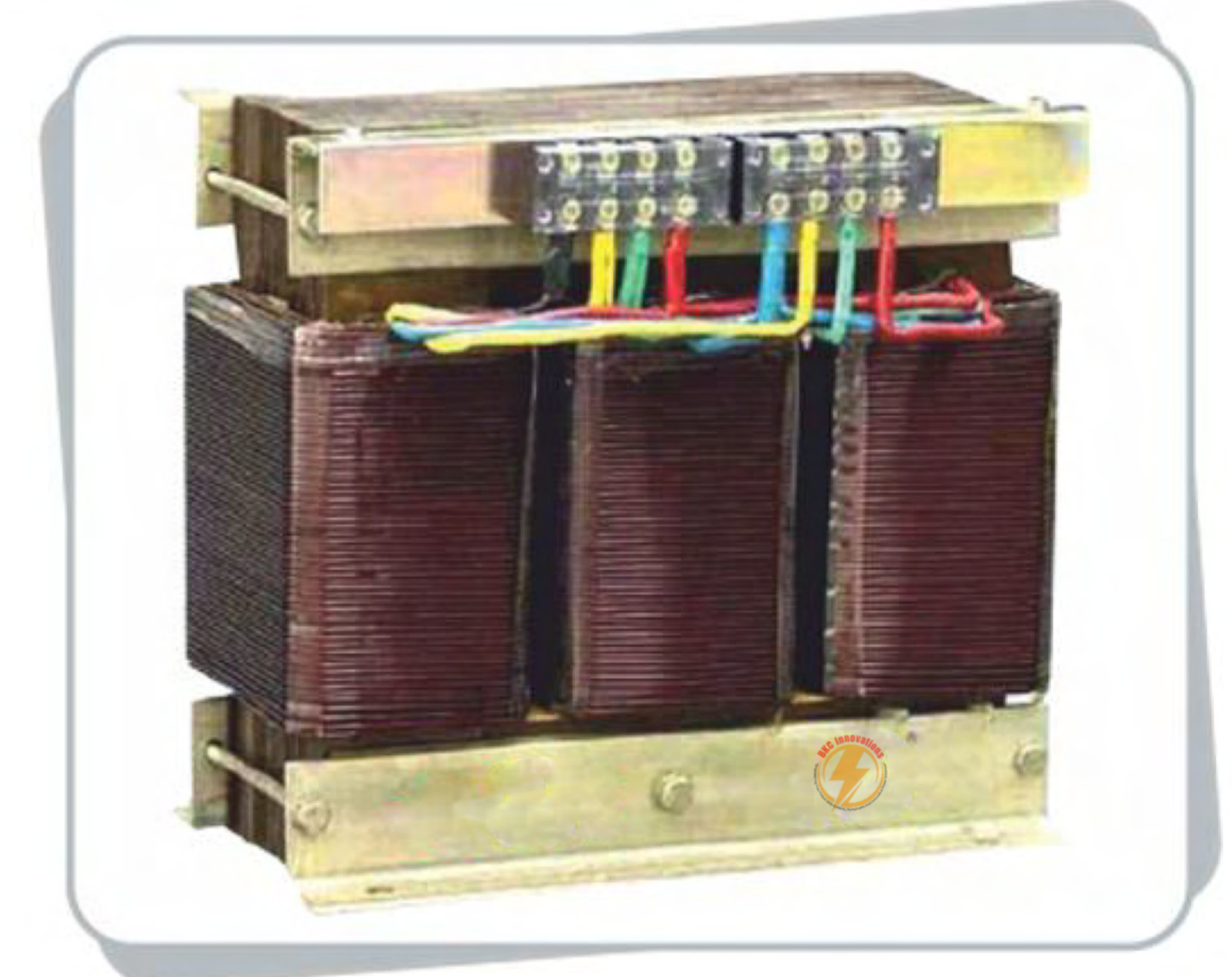
## CONSTANT VOLTAGE TRANSFORMER CVT



- |                            |   |
|----------------------------|---|
| <b>Capacity</b>            | : 150VA to 5 KVA  |
| <b>Input Voltage</b>       | : 160V to 280V  |
| <b>Output Voltage</b>      | : 230V ± 1%   |
| <b>Line Frequency</b>      | : 50Hz ± 2%   |
| <b>Display</b>             | : Mains, Output, Volt meter with switch to read i/p & o/p voltage |
| <b>Efficiency</b>          | : 90% (approx.) under full load condition                         |
| <b>Output wave From</b>    | : Sine wave   |
| <b>Correction rate</b>     | : 250V/sec approx.  |
| <b>Load Power Factor</b>   | : 0.75% lag to 0.9% lead  |
| <b>Ambient temperature</b> | : 5°C to 50°C   |
| <b>Transformer Type</b>    | : Ferro - Resonant  |



## ULTRA ISOLATION TRANSFORMER



## DIGITAL LINE CONDITIONER (FOR COMPUTER)



## A Real POWER STRIP (WITH SURGE/SPIKE PROTECTION) (FOR COMPUTER)



**100% INDIAN**

## 16A / 5A VOLTAGE PROTECTOR

- |   |                     |
|---|---------------------|
| <b>TECHNICAL SPECIFICATION</b>          | <b>APPLICATION</b>  |
| ■ POWER ON DELAY-3SEC/10SEC             | ■ INVERTER AC       |
| ■ LOW CUT DELAY - 5SEC                  | ■ WASHING MACHINE   |
| ■ LOW CUT - 150V                        | ■ REFRIGERATOR      |
| ■ LOW CUT RECOVERY-165V                 | ■ MICROWAVE         |
| ■ HIGH CUT DELAY-1SEC                   | ■ COMPUTER & LAPTOP |
| ■ HIGH CUT-265V                         |                     |
| ■ HIGH CUT RECOVERY-260V                |                     |
| ■ HIGH AND LOW CUT RECOVERY DELAY-10SEC |                     |
| ■ EMERGENCY CUT                         |                     |

**New**



## DIGITAL VOLTAGE STABILIZER FOR AIR CONDITIONER

### HIGH -PRO



- **INPUT** : 150V to 300V
- **Output** : 210 To 242V
- **CAPACITY** : 4KVA & 5KVA
- **DISPLAY** : IN -OUT VOLT & WAIT COUNT
- **APPLICATION** : TREADMILL - WASHING MACHINE - MICROWAVE OVEN  
AIR CONDITIONER - CCTV CAMERA  
AATA MAKER
- **TECHNOLOGY** : DIGITAL MICRO PROCESSOR BASE HIGH LOW CUT OFF & TIME DELAY

### ALEXA LED



- **INPUT** : 110V to 290V
- **OUTPUT** : 230±6%
- **CAPACITY** : 3-4-5KVA
- **DISPLAY** : 1. OUTPUT OK  
2. LOW INPUT  
3. NORMAL  
4. HIGH VOLTAGE
- **APPLICATION** : UP 2TON AC  
TREADMILL - MICROWAVE OVEN - AATA MAKER
- **TECHNOLOGY** : ANALOG

### ALEXA DIGITAL



- **INPUT** : 100V to 290V
- **OUTPUT** : 210 to 245V
- **CAPACITY** : 3-4-5KVA
- **DISPLAY** : DIGITAL IN-OUT VOLTAGE /WAIT
- **APPLICATION** : UP 2TON AC  
TREADMILL - MICROWAVE OVEN - AATA MAKER - WASHING MACHINE
- **TECHNOLOGY** : DIGITAL MICRO PROCESSOR BASE  
HIGH & LOW CUT OFF & TIME DELAY

### Sp. Model



- **1-2-3-5-10 KVA TR/SP**
- **INPUT** : 170V-130V-90V- TO 290V
- **OUTPUT** : 200V to 245V
- **CAPACITY** : 1-2-3-4-5-6-7 KVA
- **DISPLAY** : ANALOG METER  
LED - INPUT -LOW  
NORMAL-  
HIGH
- **APPLICATION** : 1 Ph. Water Pump
- **TECHNOLOGY** : ANALOG

# AUTOMATIC VOLTAGE STABILIZERS

## ACURA 300VA LED



- **INPUT** : 160V - 300V
- **OUTPUT** : 230 ± 6%
- **CAPACITY** : 300VA
- **DISPLAY** : LED -1. POWER  
2. HI-LOW  
CUT OFF /WAIT
- **APPLICATION** : UP to 52" LED TV
- **TECHNOLOGY** : MICRO PROCESSOR  
BASE HI-LOW CUT &  
TIME DELAY

## ACURA 300VA DIGITAL



- **INPUT** : 160V - 300V
- **OUTPUT** : 230 ± 6%
- **CAPACITY** : 300VA
- **DISPLAY** : DIGITAL IN-OUT  
VOLT. & WAIT COUNT
- **APPLICATION** : UP to 52" LED TV
- **TECHNOLOGY** : MICRO PROCESSOR  
BASE HI-LOW CUT &  
TIME DELAY

## ACURA 600VA LED



- **INPUT** : 140V - 300V
- **OUTPUT** : 230 ± 6%
- **CAPACITY** : 600VA
- **DISPLAY** : LED -1. POWER ON  
2. HI-LOW  
CUT OFF /WAIT
- **APPLICATION** : UP to 100" LED TV  
CCTV Camera  
UP to 400 Ltr. Freez
- **TECHNOLOGY** : MICRO PROCESSOR  
BASE HI-LOW CUT &  
TIME DELAY

## ACURA 600VA DIGITAL



- **INPUT** : 140V - 300V
- **OUTPUT** : 230 ± 6%
- **CAPACITY** : 600VA
- **DISPLAY** : DIGITAL IN-OUT  
VOLT. & WAIT COUNT
- **APPLICATION** : UP to 100" LED TV  
CCTV Camera  
UP to 400 Ltr. Freez
- **TECHNOLOGY** : MICRO PROCESSOR  
BASE HI-LOW CUT &  
TIME DELAY

## LCD GUARD REG. 300VA



- **INPUT** : 160V - 300V
- **OUTPUT** : 230 ± 6%
- **CAPACITY** : 300VA
- **DISPLAY** : LED -1. WAIT - 2. ON  
3. HIGH LOW CUT OFF
- **APPLICATION** : UP to 52" LED TV
- **TECHNOLOGY** : ANALOG

## LCD GUARD BIG 600VA



- **INPUT** : 140V - 300V
- **OUTPUT** : 230 ± 5%
- **CAPACITY** : 600VA
- **DISPLAY** : LED -1. WAIT - 2. ON  
3. HIGH LOW CUT OFF
- **APPLICATION** : UP to 100" LED TV  
CCTV CAMERA  
UP TO 300 Ltr. FREEZ
- **TECHNOLOGY** : ANALOG

## 0.25K/0.5K DR-SR SLIK



- **INPUT** : 160V - 290V
- **OUTPUT** : 230 ± 6%
- **CAPACITY** : 0.25 KVA / 0.5 KVA
- **DISPLAY LED** : 1. HIGH - 2. NORMAL  
3. LOW
- **APPLICATION** : UP TO 60" LED TV  
UP TO 400 Ltr. FREEZ
- **TECHNOLOGY** : ANALOG

## 0.25K/0.5K DR-SR TT



- **INPUT** : 160V - 270V
- **OUTPUT** : 230 ± 6%
- **CAPACITY** : 0.25 KVA / 0.5 KVA
- **DISPLAY** : 1. IN & OUT ANL. MATER  
2. POWER ON
- **APPLICATION** : UP TO 60" LED TV  
UP TO 400 Ltr. FREEZ
- **TECHNOLOGY** : ANALOG

## 0.5K SP TT



- **INPUT** : 100V - 290V
- **OUTPUT** : 230 ± 6%
- **CAPACITY** : 500VA
- **DISPLAY** : IN & OUT ANALOG MATER  
LED 1. High 2. Normal 3. Low
- **APPLICATION** : UP to 600 Ltr. Freez
- **TECHNOLOGY** : ANALOG

## Deep Freezer Stabilizer



- **INPUT** : 140V / 160 - 300V
- **OUTPUT** : 230 ± 5%
- **CAPACITY** : 1 & 2 KVA
- **DISPLAY** : LED 1. High 2. Normal  
3. Low 4. Output OK
- **APPLICATION** : UP to 100" LED TV  
CCTV CAMERA  
UP TO 800 Ltr. Deep FREEZ
- **TECHNOLOGY** : ANALOG

## 3/4/5kva Slik LED



- **INPUT** : 160V to 290V
- **OUTPUT** : 230 ± 5%
- **CAPACITY** : 3-4-5 KVA
- **DISPLAY** : LED 1. Output OK  
2. Low 3. Normal 4. High
- **APPLICATION** : Air Conditioner up to 2 Ton
- **TECHNOLOGY** : Analog

## 220v to 110v converter



- Converts 220/240 Volts Down to 110/120 Volts
- Compatible with both 50Hz and 60Hz
- Two universal outlet can accept 2 or 3pin plug form USA - CANADA - BRAZIL - TAIWAN - MAXICO - JAPAN

## STABILIZER FOR SOUND SYSTEM / D.J. SYSTEM

### Features :

- Performs in Wide Input Voltage Range
- Microprocessor Based Technology
- True RMS Volt Meter • With 6 Socket Output
- High / Low Voltage Cut-Off Unique Cut-Off On Delay Wait 10 Sec. to Protect Surge & Spike in Output Voltage
- Output Overload Delay Timing 3 Sec.

Manufactured, Marketed and Serviced By BKC Innovations



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