

**AN ISO 9001 - 2008 & CE**  
CERTIFIED ORGANIZATION



**ESTD  
1994**



**MICRO CONTROLLED DIGITAL**



**Servo Stabilizer - Residential**

Deltek is one of the leading manufacturers of Residential Servo Stabilizers. To you come from professionals with two decades of rich experience in the power conditioning industry. Deltek provides a total solution to all kinds of electrical problems. Our products suit your need and budget and no compromise in quality and performance.

Residential - Servo Stabilizer provides perfectly stable output even under severe conditions of unbalanced voltage conditions. These stabilizers are used to protect the electrical and electronic equipments from being damaged due to high and low voltage.

## Silent Features

- ♦ Advanced micro controlled technology
- ♦ Single stabilizer would serve all the domestic needs
- ♦ Individual phase control and bypass protection
- ♦ It is a custom built item which can be manufactured with required dimensions
- ♦ Available for all the load requirements
- ♦ Outdoor and indoor models are available
- ♦ Quick servicing and maintenance free
- ♦ Suitable for 1 Phase & 3 Phase applications
- ♦ Operates in wide input voltage fluctuations
- ♦ High reliability
- ♦ Generator compatibility
- ♦ SERVO MOTOR DRIVE-rugged ac step synchronous motor
- ♦ MOUNTING-FLOOR MOUNTED/FREE ON WHEEL
- ♦ EFFICIENCY-AT ALL VOLTAGES and LOADS within the range of the stabilizer greater than 98%
- ♦ Better efficiency >98% achieved by use of electrolytic copper and prime grade lamination

## Most Suitable For

Villas  
Residential Flats  
Big Showrooms  
Shopping Malls  
Hospitals  
AC Plants  
Cold Storages

## Technical Specifications

Capacities	3kva to 150kva (Air Cooled) 3 Phase 3kva to 2000kva (Oil Cooled) 3 Phase
Input voltage	295-465 / 340-480 / 360-465 / 360-500v or specified by the customer
Output voltage	380v / 400v / 415v
Output voltage regulation	±1% of set voltage over the specified input range from no load to full load
Correction speed	Specified by the customer
Input frequency	47 to 53hz
Efficiency	Better than 98%
Insulation	Class F
Effects of load Power factor	Nil
Output wave form	Extra reproduction of the input
Wave from distortion	Nil
Operating temperature	50 degree c
Type of cooling	Air Cooled / Oil Cooled
Mode of system	Fully Automatic
Standard protections	Low voltage protection / High voltage protection, Overload and short circuit protection / Individual Phase preventer or Single phase preventer / Surge / Spike / RF Suppressor / Phase reversal / Audio alarm / Manual bypass protection / Input Mccb protection (optional),
Indications	Output on, Input fail, Overload, Phase reversal
Metering	LCD voltmeter for input and output with phase to phase and phase to neutral voltages / LCD ammeter for output current / LCD frequency meter / LCD meter for system status

## Advantages Of Microcontroller Circuit

Fast correction (<40 ms)

CKT operating frequency (40-65hz)

Real time correction enables stable output even at non sinusoidal wave forms

Telangana : 5-5-35/73b, Industrial Estate,  
Prashanti Nagar, Kukatpally, Hyderabad-500072.  
Ph : 040 - 40113373, 23720236, 23720510

Mobile :

Andhra Pradesh :



**DELTEK POWERLINES PVT. LTD.**

Mail : deltekpowerlines@yahoo.co.in / deltekpowerlines@gmail.com  
www.deltek-power.com