



**AN ISO 9001 - 2015 & CE
CERTIFIED ORGANIZATION**



**MICRO CONTROLLED DIGITAL
Servo Stabilizer**



Deltek is one of the leading manufacturers of Micro Controlled Servo Stabilizers. To you come from professionals with 25 Years 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.

Most Suitable For

CNC Machines + Industrial Applications + Precision Equipments + Scientific Equipments + Textile Machinery + Bio-Medical Equipments + Telecommunication Equipments + Printing Machinery + Elevators + Cell Phone Networks + Computer Installations + Cold Storages + Residential, Villas & Big Showrooms + Shopping Malls

Silent Features

Advanced micro controlled technology + High reliability + Very high efficiency no effect of power factor + Suitable for balanced and unbalanced loads + Generator compatibility + Error log for last 100 fault events in the stabilizer + Better efficiency >98% achieved by use of electrolytic copper and prime grade lamination

Technical Specifications

	Single Phase	Three Phase
Capacities	1kva to 25kva (Air Cooled)	1.5kva to 150kva (Air Cooled) 1.5kva to 2000kva (Oil Cooled)
Input voltage	170 to 270v or Specified by the customer	295-465 / 340-480 / 360-465 / 360-520v or specified by the customer
Output voltage	230v Single phase (can be set any where between 220v-240v)	380v / 400v / 415v
Output voltage regulation	±1% of set voltage over the specified input range from no load to full load	±1% of set voltage over the specified input range from no load to full load
Correction speed	35v/sec or Specified by the customer	Specified by the customer
Input frequency	47 to 53hz	47 to 53hz
Efficiency	Better than 98%	Better than 98%
Insulation	Class F	Class F
Effects of load power factor	Nil	Nil
Output wave form	Extra reproduction of the input	Extra reproduction of the input
Wave from distortion	Nil	Nil
Operating temperature	50 degree c	50 degree c
Type of cooling	Air Cooled	Air cooled / Oil cooled
Mode of system	Fully Automatic	Fully automatic
Standard protections	Low voltage protection, High voltage protection, Over load and short circuit protection, Surge/Spike Suppressor, Audio alarm	Low voltage protection, High voltage protection, Overload and short circuit protection, Single phase preventer, Surge/Spike Suppressor, Phase reversal, Neutral/earth / failure protection, Audio alarm, Manual bypass protection, Input McCb protection (optional)
Indications	Output voltage, input voltage, Load frequency, Input, Output, Overload, Set	Output on, Input fall, Overload, Phase reversal.
Metering	LED volt meter for input and output voltages / LED ammeter for output current / LED frequency meter	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
Micro Controller Circuit**

- + Fast correction (<10 ms) + CKT operating frequency (40-65hz)
- + Real time correction enables stable output even at non sinusoidal wave forms

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