

# DHS Series

100kVA ~ 300kVA (3:3)  
 DSP Controlled IGBT Based  
 Static Voltage Stabilizer



**Numax Energy Solutions** Established in Year 2010 with 25 Years Experience in Power Conditioning & Energy Managements. Provides Innovative Solutions to Your Power Conditioning Needs.

**Numax Static Voltage Stabilizer** are Innovative Design Have set the Standard in the industry for product Design & Quality .

## Features

- Digital Signal Processor
- LCD Display for Parameters
- Overload Protection
- 1:10 ratio crest factor
- Natural Air Cooled
- High Efficiency
- Auto Bypass

## Applications

- CNC Machine Tools
- Injection Molding Machines
- Printing Machines
- Medical Equipment
- Food Processing Machines
- Textile Machines- Spinning, Weaving, Knitting, Embroidery, Garments, Manufacturing
- Domestic Application,, Home Appliance, Shops, Malls & Villas, All Industrial, Commercial, Residential Loads, Etc...

**Specifications**

Model	DHS1003A	DHS1253A	DHS1503A	DHS2003A	DHS2503A	DHS3003A
Topology	DSP Controlled IGBT Based Static Voltage Stabilizer					
Phase Sequence	Three Phase to Three Phase					
Capacity	100KVA	125KVA	150KVA	200KVA	250KVA	300KVA
<b>Input</b>						
Nominal voltage	340-460/ 320-480/ 300-500 VAC			340~460		
Maximum Rated Input Current @ Nominal input Voltage 340V	170	212	255	340	425	509
Maximum Rated Input Current @ Nominal input Voltage 320V	180	226	271			
Maximum Rated Input Current @ Nominal input Voltage 300V	192	241	289			
Nominal frequency	47 - 60 Hz					
Input Circuit Breaker Rating	200A 3P	250A 3P	400A 3P	400A 3P	630A 3P	630A 3P
Input Circuit Breaker Rating	200A 3P	250A 3P	315A 3P			
Input Circuit Breaker Rating	200A 3P	250A 3P	315A 3P			
Ac connection	Terminal block (L1,L2,L3 Neutral and Ground) provided					
<b>Output</b>						
Nominal voltage	400/415/420 VAC, Settable					
Power efficiency	Typically over 98 % (with 20 - 100% load conditions)					
Voltage regulation	+/- 1%					
Maximum rated output current	144	180	217	289	361	433
Ac connection	Terminal block (L1,L2,L3 Neutral and Ground) provided					
<b>ENVIRONMENTAL</b>						
Ambient temperature	0°C to + 45°C, 10 to 90% RH non-condensing					
Cooling method	Forced Air Cooled					
<b>Display</b>						
LCD Display	4 Line LCD Display, showing I/P, O/P Voltage, load Percentage, Fault Annunciation, Event log(optional)					
<b>Protections</b>						
Standards & Safety	Designed to meet UL 60950-1 standards. Protection class IP 20.					
OV/UV cut off with SPP	Electronic cut off circuit with graded time delay for High/Low /Missing Voltage					
Overload & Short Circuit Protection	CT based electronic Cutoff circuit with graded time delay set @110%of rated full load current					
Soft Switch-On	This feature ensure that output voltage is never higher than input voltage upon switch-on, before it commences full stabilization.					
Automatic bypass	Automatic bypass will be activated when there is a fault condition(Optional)					
Surge Test Conditions	Per Class 2 Surge (combination wave)					
Surge let-through voltages	8 X 20 $\mu$ s upto 40 kA waveform. L-N < 460V					
Resetting Mode	Manual and Automatic Option Provided					
<b>Physical</b>						
Dimensions (L X W X H in mm)	425 X 250 X 460		450 X 250 X 520		600 X 450 X 700	
Weight (approx. in Kgs)	184	250	335	365	365	420
Mounting	Wheel Mounted with Breaks					
WARRANTY	2 year limited warranty, covering repair/replacement of defective parts					

\* Specification are subject to change without any prior notice.

**Contact Us,**

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