

**NUMERIC**<sup>®</sup>

A Group brand | **legrand**<sup>®</sup>



**NOW YOU CAN  
FOCUS ON WHAT IS  
REALLY IMPORTANT**

GET VOLTAGE FLUCTUATIONS OFF YOUR MIND WITH

**VOLTSAFE PLUS**

SERVO STABILIZER AIR COOLED & OIL COOLED



**NEW ENERGY  
TO POWER**

[www.numericups.com](http://www.numericups.com)

## FEATURES

- Seven segment digital display - 1 Ph
- Alpha-numeric LCD display metering for each phase - 3 Ph
- Advanced MCU-based technology
- Response time < 20ms
- Generator compatible
- Audible warning
- High MTBF with low maintenance
- Correction speed
  - 1 Ph - 27 V/sec
  - 3 Ph - 50 V/sec

## SEGMENTS



Commercial



Industry



Healthcare



Infrastructure



IT/ ITES/ Office



BFSI Segment

## WHY VOLTSAFE PLUS



Easy user interface



Higher efficiency



Silent operation



Low cost of ownership



Compact footprint

## WHY NUMERIC

**35+**  
YEARS OF EXPERTISE

WIDEST  
SERVICE NETWORK  
**250+**  
DIRECT SERVICE CENTRES

PRODUCT RANGE FROM  
**600VA** TO  
**21MW**

**1** MILLION+  
**UPS**  
ACTIVE  
INSTALLATION BASE

**1800+**  
EMPLOYEES

**2** WORLD  
CLASS  
MANUFACTURING UNITS

TOP **3** UPS  
COMPANIES  
IN INDIA

UNDISPUTED  
LEADER\* IN **30**  
LI & 1P FOR CONSECUTIVE  
YEARS

## TECHNICAL SPECIFICATIONS

### 1-20 kVA Single phase servo stabilizer - Air cooled

Capacity (kVA)	1	2	3	5	7.5	10	15	20
<b>GENERAL</b>								
Operation	Automatic							
Cooling	Natural / Forced air							
Ingress protection	IP 20							
Insulation resistance	> 5M at 500 VDC as per IS9815							
Dielectric test	2kV RMS for 1 minute							
Ambient temperature	0 to 45 °C							
Application	Indoor use / Floor mounting							
Acoustic noise level	< 50 dB at 1 meter distance							
Colour	RAL 9005							
Standards	Conforms to IS 9815							
IP/OP-Cable entry	Front side / Rear side							
Door lock	Front side							
Generator compatability	Compatible							
<b>INPUT</b>								
Voltage range	Normal - (170 V~270 V +1% AC); Wide - (140~280 V + 1% AC)							
Frequency range	47 ~ 53 ± 0.5% Hz							
Correction speed	27 V/sec (Ph-N)							
<b>OUTPUT</b>								
Voltage	230 VAC + 2%							
Waveform	True reproduction of input; no waveform distortion introduced by stabilizer							
Efficiency	> 97%							
Power factor	Immune to load PF							
Protection	Neutral failure							
	Frequency cut off							
	Surge arrester							
	Input: Low-High & Output: Low-High							
	Overload (Electronic trip) / Short circuit (MCB/MCCB)							
	Carbon brush failure							
<b>PHYSICAL</b>								
Dimensions (WxDxH) mm (±5mm)	238x320x300		285x585x325		395x540x735		460x605x855	
Weight (kgs)	13-16		36-60		70 - 80		60-100 100-110 130-150	
LED digital display	TRUE RMS measurement							
	Input voltage							
	Output voltage							
	Output frequency							
	Load current							
Front panel indications	Mains ON, Output ON, Trip indications: Input low, Input high, Output low, Output high, Overload							

BYPASS Switch - Optional

Note : Product specifications are subject to change purely on company's discretion without any prior notice.

## TECHNICAL SPECIFICATIONS

### 10 - 200 kVA Three phase servo stabilizer - Air cooled

Capacity (kVA)	10	15	20	30	40	60	80	100	125	150	200
<b>GENERAL</b>											
Control	Digital (MCU-based design)										
Drive	AC synchronous motor control										
Operation	Automatic										
Cooling	Natural / Forced air										
Ingress protection	IP20										
Insulation resistance	> 5 M at 500 VDC as per IS9815 Standard										
Dielectric test	2 kV RMS for 1 minute										
Ambient temperature	0° to 45°C										
Application	Indoor use / Floor mounting										
Acoustic noise level	≤ 50 dB at 1 meter distance										
Colour	RAL - 9005										
Standards	Conforms to IS9815										
IP/OP - Cable entry	Frontside										
Door lock	Frontside										
Generator compatibility	Compatible										
<b>INPUT</b>											
Voltage range*	Normal (340 VAC ~ 480 VAC) / Wide (310 VAC ~ 480 VAC)										
Frequency range	47 ~ 53 ± 0.5% Hz										
Correction speed	50 V/sec (Ph - Ph)										
<b>OUTPUT</b>											
Voltage	415 VAC										
Waveform	True reproduction of input; no waveform distortion introduced by stabilizer										
Efficiency	> 97%										
Power factor	Immune to load PF										
Protections**	Single phase prevention and cut-off										
	Neutral failure										
	Frequency - Low/High cut-off										
	Phase failure										
	Surge arrester										
	Input : Low/High & Output : Low/High cut-off										
	Overload - Electronic trip / Short circuit (MCB/MCCB trip)										
	Carbon brush failure										
Phase reversal trip											
<b>PHYSICAL</b>											
Dimensions (WxDxH) in mm (+/- 5 mm)	375 x 465 x 850	375 x 615 x 850	375 x 625 x 935	545 x 1025 x 1390			635 x 1135 x 1510				
Weight (kgs)	60	100	120	140	160	180	290	330	400	470	580
Display type	LCD										
Display parameters	Input voltage (Line-Line & Line-Neutral) each phase										
	Output voltage (Line-Line & Line-Neutral) each phase										
	Load current (Line-Neutral)										
	Output frequency										
Events	Fault annunciation										
Input / Output terminations	Terminal board provided										

Note : Product specifications are subject to change purely on company's discretion without any prior notice.  
\*Range can be customised as per requirement, \*\* Input MCB/MCCB & manual bypass is optional

## TECHNICAL SPECIFICATIONS

### 100 - 300 kVA Three phase servo stabilizer - Oil cooled

Capacity (kVA)	100	125	150	200	250	300
<b>GENERAL</b>						
Control	Digital (MCU-based design)					
Drive	AC synchronous motor control					
Operation	Automatic					
Cooling	ONAN (Oil Natural Air Natural)					
Ingress protection	IP20					
Insulation resistance	> 5M at 500 VDC as per IS9815 Standard					
Dielectric test	2kV RMS for 1 min					
Ambient temperature	0° to 45°C					
Application	Indoor use					
Acoustic noise level	< 60 dB at 1 meter distance					
Colour	Oil tank - light grey - RAL 7035; Enclosure - jet black - RAL 9005					
Standards	Conforms to IS9815					
IP/OP - Cable entry	Rear side					
Generator compatibility	Compatible					
<b>INPUT</b>						
Voltage range*	Normal (340 VAC~ 480 VAC) / Wide (310 VAC ~ 480 VAC)					
Frequency range	47 ~ 53 ± 0.5% Hz					
Correction speed	50 V/sec (Ph-Ph)					
<b>OUTPUT</b>						
Voltage	415 VAC					
Waveform	True reproduction of input, no waveform distortion introduced by stabilizer					
Efficiency	> 97%					
Power factor	Immune to load PF					
Protections	Single phase prevention and cut-off					
	Neutral failure					
	Frequency - Low/High cut-off					
	Phase failure					
	Surge arrester					
	Input : Low/High & Output : Low/High cut-off					
	Overload - Electronic trip					
	Short circuit - MCB/MCCB **					
	Carbon brush failure & Oil level indicator					
Phase reversal trip						
<b>PHYSICAL</b>						
Dimensions (WxDxH) in mm (+/- 5 mm)	1100 X 800 X 1450		1400 X 800 X 1450		1800 X 1050 X 1600	
Weight (kgs)	800	825	850	875	900	950
Display type	2 Line LCD					
Display parameters	Input voltage (Line-Line & Line-Neutral) each phase					
	Output voltage (Line-Line & Line-Neutral) each phase					
	Load current (Line-Neutral)					
	Output frequency					
Events	Fault annunciation					
Input / Output terminations	Terminal board provided					

Note : Product specifications are subject to change purely on company's discretion without any prior notice  
\* Range can be customised to customer requirement, \*\* Input MCB/MCCB & manual bypass is optional

## Head Office

10th Floor, Prestige Center Court,  
Office Block, Vijaya Forum Mall, 183,  
N.S.K Salai, Vadapalani,  
Chennai - 600 026.  
Phone: +91 44 4656 5555

## Regional Offices

### New Delhi

B-225, Okhla Industrial Area,  
4th Floor, Phase-1,  
New Delhi - 110 020.  
Phone: +91 11 2699 0028

### Kolkata

Bhakta Tower, Plot No. KB22,  
2nd & 3rd Floor, Salt Lake City,  
Sector - III, Kolkata - 700 098.  
Phone : +91 33 4021 3535 / 3536

### Mumbai

C/203, Corporate Avenue, Atul Projects,  
Near Mirador Hotel, Chakala,  
Andheri Ghatkopar Link Road,  
Andheri (East), Mumbai - 400 099.  
Phone : +91 22 3385 6201

### Chennai

10th Floor, Prestige Center Court,  
Office Block, Vijaya Forum Mall,  
183, N.S.K Salai, Vadapalani,  
Chennai - 600 026.  
Phone : +91 44 3024 7236 / 200

## Branch Offices

### Chandigarh

SCO 4, First Floor, Sector 16,  
Panchkula, Chandigarh - 134 109.  
Phone : +91 93160 06215

### Dehradun

Unit-1 and 2, Chakrata Road,  
Vijay Park Dehradun - 248001.  
Uttarakhand  
Phone : +91 135 661 6111

### Jaipur

Plot No. J-6, Scheme-12B,  
Sharma Colony, Bais Godown,  
Jaipur - 302 019.  
Phone : +91 141 221 9082

### Lucknow

209/B, 2nd Floor, Cyber Heights,  
Vibhuti Khand, Gomti Nagar,  
Lucknow - 226 018.  
Phone : +91 93352 01364

### Bhubaneswar

N-2/72 Ground Floor, IRC Village,  
Nayapally, Bhubaneswar - 751 015.  
Phone: +91 674 255 0760

### Guwahati

House No 02,  
Rajgarh Girls High School Road  
(Behind Rajgarh Girls High School),  
Guwahati - 781 007.  
Phone : +91 361 245 0322/96000 87171

### Patna

405, Fraser Road, Hemplaza,  
4th Floor, Patna - 800 001.  
Phone : +91 612 220 0657

### Ranchi

202 & 203, 2nd Floor, Sunrise Forum,  
Bardwan Compound, Lalpur, 2nd Floor,  
Ranchi - 834 001.  
Phone : + 91 98300 62078

### Ahmedabad

A-101/102, Mondeal Heights,  
Beside Hotel Novotel, Near Iscon Circle,  
S G Highway, Ahmedabad - 380 015.  
Phone : +91 79 6134 0555

### Bhopal

Plot No. 2, 221, 2nd Floor, Akansha Complex,  
Zone-1, M.P.Nagar, Bhopal- 462 011.  
Phone : +91 755 276 4202

### Nagpur

Plot.No.174, H.No.4181/C/174, 1st Floor,  
Loksewa Housing Society, Near Dr. Umathe  
& Mokhare College, Bhamti Road,  
Loksewa Nagar, Nagpur - 440 022.  
Phone : +91 712 228 6991 / 228 9668

### Pune

Pinacle 664 park avenue, 8th floor,  
Plot no 102+103, CTS No. 66/4,  
Final, 4, Law College Rd, Erandwane,  
Pune, Maharashtra - 411 004.  
Phone : +91 98225 36680

### Bengaluru

No-58, First Floor, Firoze White Manor,  
Bowring Hospital Road,  
Shivajinagar, Bangalore -560 001.  
Phone : +91 80 6822 0000

### Coimbatore

No. B-15, Thirumalai Towers, No. 723,  
1st Floor, Avinashi Road, Coimbatore - 641 018.  
Phone : +91 422 420 4018

### Hyderabad

Prestige Phoenix Building,  
1st Floor, Survey no. 199,  
No. 6-3-1219/J/101 & 102, Uma Nagar,  
Opposite to Begumpet Metro Station  
Begumpet 500016  
Phone: +91 40 4567 1717/2341 4398/2341 4367

### Kochi

Door No. 50/1107A9, JB Manjooran Estate,  
3rd Floor, Bypass Junction,  
Edappally, Kochi - 682 024.  
Phone : +91 484 6604 710

### Madurai

12/2, DSP Nagar,  
Dinamalar Avenue,  
Madurai - 625 016.  
Phone : +91 452 260 4555

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