

NUMERIC[®]

A Group brand | **legrand**[®]



**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

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

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
GENERAL								
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							
INPUT								
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)							
OUTPUT								
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							
PHYSICAL								
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
GENERAL											
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										
INPUT											
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)										
OUTPUT											
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										
PHYSICAL											
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
GENERAL						
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					
INPUT						
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)					
OUTPUT						
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					
PHYSICAL						
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



SCAN TO FIND OUR
NEAREST BRANCH

NUMERIC[®]

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