

EMMERICH®

Voltage Stabilizers

No Compromised For Quality

EMMERICH Voltage Stabilizer has been designed and manufactured using advanced compensation technique in order to deliver a stable electrical power to all equipment in such unreliable and fluctuating main supply environments. Thanks to Germany Voltage regulating transformer design and technology that bring the Stabilizer achieves exceptional performance and high efficiency level.

iDVM - 1 kVA to 40 kVA / Single Phase

iDVM is the best solution for protecting small office, home industry and household electrical and electronic appliances.

The iDVM series is available in 1-1,5-3-5-7,5-10-15-20-30-40 KVA single phase input and output models.

Advanced Digital Microprocessor controller system brings the iDVM monitor the mains voltage continuously. If the voltage rises or drops, the iDVM will stabilize the output to ensure the voltage reaching your equipment remains constant at 220 V ($\pm 2\%$) within the operating range of unit.



Master Volt - 6 kVA to 2500 kVA / Three Phase

Master Volt provides maximum protection for large applications including data processing centre, telecommunication, industrial processes, security and electro-medical system.

Master Volt coupled with exceptional performance and unequalled built quality delivers an unmatched combination of reliability and versatility.

Monitoring Voltage is so much easier with clearly detailed information in Digital Screen to provide real-time output voltage.

Thanks to the Dual Control Board System used in Master Volt HT series, this feature uses a dedicated Hot Switch to quickly connect the secondary control board when the primary control board fails. Now you can confidently enjoy and increase your productivity using our latest Stabilizer system.

Main Features and Benefits

- ✓ Digital Microprocessor Controller.
- ✓ Wide input voltage range.
- ✓ Fast Response <0,1 seconds.
- ✓ High Efficiency >98%.
- ✓ Smooth Start-up.
- ✓ Digital Metering Visualization and LED system status indicator.
- ✓ Manual Bypass Ready.
- ✓ Over-voltage and Under-voltage automatic cut off protection.

Advanced Features and Benefits

- | | |
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| <ul style="list-style-type: none"> ✓ Hot Switch Dual Control Board System.* ✓ Columns Transformer with Full Independent Phase Regulator.* ✓ Digital Microprocessor Controller. ✓ Extremely Fast Response <0,1 seconds. ✓ High Efficiency >98%. ✓ Smooth Start-up. | <ul style="list-style-type: none"> ✓ Digital Multi Information Display and LED system status indicator. ✓ Over-voltage and Under-voltage automatic cut off protection. ✓ Automatic Warning Alarm Notification.* ✓ Manual Bypass Ready. |
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*Only available on HT Series



LOCAL AREA NETWORKS



SERVERS



DATA CENTRES



TELECOM-MUNICATIONS DEVICES



E-BUSINESS (Servers farms, ISP/ASP/POP)



INDUSTRIAL PROCESSES



INDUSTRIAL PLCS



ELECTRO-MEDICAL DEVICES



EMERGENCY DEVICES



Type	iDVM											
Rated Power (kVA)	1	1,5	2	3	5	7,5	10	15	20	30	40	
Input Voltage	150 - 250 V											
Output Voltage	220 V											
Number of Phase	1 Phase											
Rated Frequency	50/60 Hz											
Output Accuracy	Adjustable 1 - 5 %											
Control System	Microprocessor with DC Servo Motor											
Insulation	Class H											
Response Time	< 0,1 s											
Efficiency	> 98%											
Auto Protection	Under-voltage, Over-voltage											
Cooling System	Convention Cooled						Automatic Fan					
Wave Deformation	Nil											
Operating Temperature	0°C - 40°C											
Relative Humidity	90% Non Condensing											
Protection Degree	IP20											

Type	Master Volt FT										Master Volt HT												
Rated Power (kVA)	6	9	15	22,5	30	45	50	60	90	100	150	200	250	300	400	500	600	800	1000	1200	1500	2000	2500
Input Voltage	260 - 432 V										304 - 456 V												
Output Voltage	380 V																						
Number of Phase	3 Phase																						
Rated Frequency	50/60 Hz																						
Output Accuracy	Adjustable 1 - 5 %																						
Control System	Microprocessor with DC Servo Motor										Microprocessor with AC Servo Motor												
Insulation	Class H																						
Response Time	< 0,1 s																						
Efficiency	> 98%																						
Auto Protection	Under-voltage, Over-voltage																						
Cooling System	Automatic Fan																						
Wave Deformation	Nil																						
Operating Temperature	0°C - 40°C																						
Relative Humidity	90% Non Condensing																						
Isolation Transformer	Optional																						
Protection Degree	IP20																						

Product design, specification and colour can be changed anytime without advance notice. Please contact your nearest dealer/store for more information and details.

Contact Us :



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