

The **MicroMate**[®] high-range input Automatic Voltage Regulator with built-in power-on delay and enhanced serial surge protection is an ideal **power line pre-conditioner** in view of most UPSs in the market are not designed to work with a genset. In many cases it is used to withstand the genset starting high voltage and inrush surge, thus 'save' the UPS from damages. By all means, it is particularly useful to cater for harsh electrical conditions.

MicroMate[®]

High-Range Input Automatic Voltage Regulators

Power Line Pre-conditioner

with Power-on Delay and Enhanced Serial Surge Protection

TECHNICAL SPECIFICATIONS

Model	VR1200-LC	VR1600-LC	VR2000-LC
Output VA Rating	1.2KVA	1.6KVA	2KVA
Input Voltage Range	AC 210 ~ 330V		
Output Voltage	AC 230V (Nominal)		
Output Regulation	± 5%		
Input / Output Waveform	Pure Sinewave		
Distortion	Approx. 0%		
Frequency	50Hz		
Overload capability (%)	150% for 10 minutes		
Configuration	Auto Transformer with Voltage Tapping		
Response Time	< 1/20 mS /V		
Power Line Protection	Enhanced Serial LC Surge Protection EMI/RFI Noise Suppression Fused Over Current Protection MOV Surge Clamp with 15KA, 2 poles 8/20us Surge Rating Capability to withstand transient up to 6KV as defined by IEEE C62.41 for Category A3 Automatic Power-On-Delay for Output		
Efficiency	Above 95%		
Ambient	Maximum 45 °C ambient temperature		
Humidity	95% non-condensing		
Input Connection	Power cord (1.5 metre) with BS1363 Plug-top		
Output Connection	Two BS1363 Switched Power Socket Outlet		
Weight	5.5KG	7.3KG	8.8KG
Dimensions WxHxD (mm)	170 x 110 x 200	190 x 150 x 360	



* Due to the policy of continued product improvement, specifications are subject to change without notice.

Authorised Channel



EMERGING COMPANY
BUSSINESS OF THE YEAR
AWARD 2005



CRYSTAL WINNER
BUSSINESS SUMMIT
AWARD 2007



INTERNATIONAL GOLD STAR
FOR QUALITY AWARD
(ISQA), GENEVA 2008



VR1200-LC



VR1600-LC / VR2000-LC