



POWER LOGIC®

# KOSS AVR

## HDR / HDM-Series Automatic Voltage Regulator

- User Friendly Digital Display
- Heavy Duty High Performance AVR
- Transient Voltage Surge Suppression
- Over Current Protection
- Open Phase & Overload Protection
- Automatic Timer Delay



Malaysia



UK

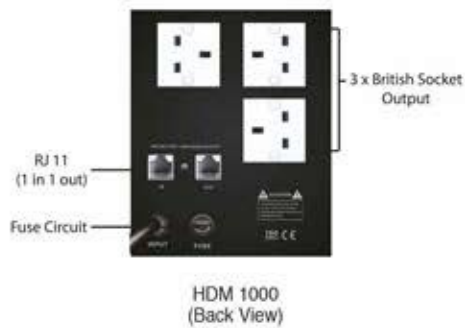


USA



Korea

# HDR / HDM-Series Automatic Voltage Regulator



**KOSS** AVR

## Technical Specification:

MODEL	HDM 1000	HDM 2000	HDM 3000	HDM 5000	HDR 1000	HDR 2000	HDR 3000	HDR 5000
CAPACITY (VA)	1000VA	2000VA	3000VA	5000VA	1000VA	2000VA	3000VA	5000VA
PHASE	Single Phase							
TECHNOLOGY	CPU based Digital Circuit + Servo Motor				CPU based Circuit + Transformer			
<b>INPUT</b>								
VOLTAGE RANGE	160 - 280VAC				150 - 270VAC			
FREQUENCY	50Hz or 60Hz							
<b>OUTPUT</b>								
OUTPUT VOLTAGE	230VAC							
OUTPUT PRECISION	+/-3%				+/-8%			
OUTPUT EFFICIENCY	98%							
OUTPUT SOCKET	3 x British Socket		Terminal Type		3 x British Socket		Terminal Type	
<b>STATUS INDICATION</b>								
DIGITAL DISPLAY	Input Voltage, Output Voltage							
L.E.D. INDICATOR	Input Voltage, Output Voltage, Working							
AUTOMATIC TIMER DELAY	6s or 180s							
<b>SURGE PROTECTION &amp; FILTERING</b>								
HIGH / LOW VOLTAGE PROTECTION	Yes							
OVERLOAD PROTECTION	Yes							
CIRCUIT PROTECTION	Fuse		Circuit Breaker		Fuse		Circuit Breaker	
HIGH TEMPERATURE PROTECTION	Yes							
TEL LINE PROTECTION RJ 11 (1 in 1 out)	Yes		N/A		Yes		N/A	
<b>OPERATING CONDITIONS</b>								
OPERATING TEMPERATURE	0°C - 45°C							
STORAGE TEMPERATURE	15°C to 45°C							
OPERATING RELATIVE HUMIDITY	10% RH-102% Relative Humidity, Non-Condensing							
SMART COOLING SYSTEM	N/A		Fan (Startup when temperature over 60°C)		N/A		Fan (Startup when temperature over 60°C)	
<b>PHYSICAL</b>								
DIMENSION D x W x H (mm)	280 x 140 x 173		340 x 220 x 240		240 x 140 x 173		340 x 220 x 240	
NET WEIGHT (KG)	6	7.4	11.8	12.6	3	4.2	7.8	10.2

\*Specification subjects to change without prior notice

