



**1KVA - 2KVA**

## HDM Pro Series Automatic Voltage Regulator

The HDM series is designed to maintain a consistent voltage level to protect sensitive equipment from brownouts, under voltages and over voltages. The AVR comes with a timer-delay function which can protect the connected devices from power-back surges.

With its wide input voltage range selection, this heavy duty performance AVR is adaptable to a wide range of equipment. Intermittent voltage fluctuations will reduce the lifecycle of electronic components gradually, potentially causing unprecedented failure. AVR is essential in areas where power fluctuations occur frequently.

## Features

- User Friendly Digital Display
- Heavy Duty High Performance AVR
- Output Power Factor 1.0
- Transient Voltage Surge Suppression
- Over Current Protection
- Open Phase & Overload Protection
- Automatic Timer Delay



**3KVA - 10KVA**

## Servo Motor



1000VA - 2000VA



3000VA



5000VA



7500VA - 10,000VA

- 1. 2 x British Socket Output
- 2. Fuse Circuit
- 3. Delay
- 4. Output Select
- 5. Fan
- 6. Terminal Output

## Technical Specification:

MODEL	HDM Pro1000	HDM Pro1500	HDM Pro 2000	HDM Pro 3000	HDM Pro5000	HDM Pro7500	HDM Pro10000
CAPACITY (VA)	1000VA	1500VA	2000VA	3000VA	5000VA	7500VA	10,000VA
PHASE	Single Phase						
TECHNOLOGY	Servo Motor						
<b>INPUT</b>							
VOLTAGE RANGE	160 -270VAC						
FREQUENCY	50Hz or 60Hz						
<b>OUTPUT</b>							
OUTPUT VOLTAGE	220V / 230V / 240V Selectable						
FREQUENCY	50Hz or 60Hz						
PRECISION	± 3%						
POWER FACTOR	1						
OUTPUT SOCKET	2 x British Socket			2 x British + 1 x Terminal	1 x Terminal Type	2 x British + 1 x Terminal	
<b>STATUS INDICATION</b>							
DIGITAL DISPLAY	Input Voltage,Output Voltage,"L" alarm(UNDER VOLTAGE PROTECTION),"H" alarm(OVER VOLTAGE PROTECTION), "O" alarm (OVER CURRENT PROTECTION),"C" alarm (OVER TEMPERATURE PROTECTION)						
L.E.D. INDICATOR	Work, Delay, Protect						
AUTOMATIC TIMER DELAY	3s Short Delay & 180s Long Delay						
<b>SURGE PROTECTION &amp; FILTERING</b>							
OVER/LOW VOLTAGE PROTECTION	Yes						
RETURN FUNCTION	Yes						
TEMPERATURE PROTECTION	Yes						
SHORT CIRCUIT PROTECTION	Fuse			MCB			
BYPASS FUNCTION	N/A			Yes			
<b>EFFICIENCY</b>							
AC-AC	0.96						
<b>OPERATING CONDITIONS</b>							
TRANSFORMER	50% copper & 50% aluminium						
OPERATING TEMPERATURE	-5°C - 60°C						
NOISE LEVEL	≤50dB						
OPERATING RELATIVE HUMIDITY	20% to 90% Relative Humidity, Non-Condensing						
COOLING FAN	N/A				Yes		
<b>PHYSICAL</b>							
DIMENSION D x W x H (mm)	188.3 x 190 x 132	234 x 213 x 155	234 x 213 x 155	318.5 x 256 x 200	318.5 x 256 x 200	395 x 288 x 255	395 x 288 x 255
NET WEIGHT (KG)	4.15	5.3	6.9	11.25	14.25	21.95	25.05
<b>WARRANTY</b>							
AVR WARRANTY	2 Years Include Parts & Labour						

\*Specification subjects to change without prior notice