

HDR PRO+ SERIES

1000VA - 5000VA PF1.0

AUTOMATIC VOLTAGE REGULATOR
- Single Phase

Features

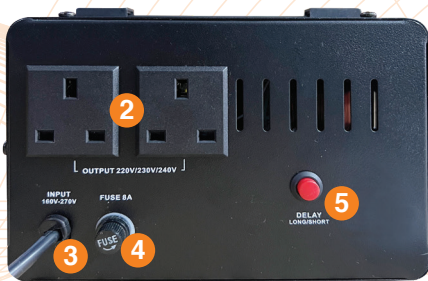
- Heavy duty industrial type KOSS Automatic Voltage Regulator (AVR)
- Affordable KOSS AVR with a power factor of unity (VA=W)
- Digital display which is more stable, precise and provide an instantaneous reading of the voltage status
- The KOSS AVR equipped with handle offers portability
- The KOSS AVR casing features perforations to facilitate rapid heat dissipation
- The KOSS AVRs are protected by either fuse or circuit breaker from overcurrent or short circuits
- The relay technology comes with a $\pm 10\%$ output voltage accuracy
- Suitable for modest applications such as domestic and small office environments



HDR PRO+ 1000VA - 2000VA

HDR PRO+ 1000VA - 5000VA Front and Rear Panels

- | | |
|---------------------------------------------|------------------------------|
| 1. Power Button | 7. LED Indicators |
| 2. (2) BS 1363A | 8. Output Voltage Display |
| 3. Fixed Input Power Cord with BS 1363 Plug | 9. Maintenance Bypass Switch |
| 4. Fuse 8A | 10. Fuse 15A |
| 5. Automatic Timer Delay 6s or 180s | 11. Terminal Block |
| 6. Input Voltage Display | 12. Smart Ventilation Fan |

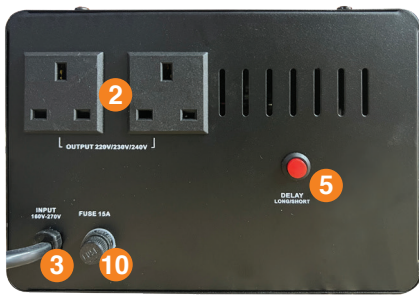


HDR PRO+ 1000VA

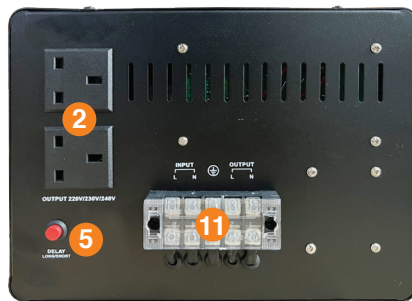


HDR PRO+ 3000VA - 5000VA





HDR PRO+ 1500VA - 2000VA



HDR PRO+ 3000VA



HDR PRO+ 5000VA

HDR PRO+ SERIES

Technical Specification

MODEL	HDR PRO+ 1000	HDR PRO+ 1500	HDR PRO+ 2000	HDR PRO+ 3000	HDR PRO+ 5000
Capacity	1000VA / 1000W	1500VA / 1500W	2000VA / 2000W	3000VA / 3000W	5000VA / 5000W
Phase	Single Phase, 2 Wires + Earth				
Mechanism	CPU Based Circuit + EI Transformer				
INPUT					
Voltage Range	140VAC ~ 260VAC				
Frequency	50Hz / 60Hz				
Input Connections	Fixed Power Cord with BS1363A Plug			Terminal Block	
OUTPUT					
Output Voltage	230VAC				
Output Precision	+/- 10%				
Output Efficiency	96%				
Transfer Time	≤ 0.5s				
Output Connections	(2) BS 1363A			(2) BS 1363A + Terminal Block	Terminal Block
SYSTEM					
Digital Display	Real Time Display of Input Voltage and Output Voltage				
LED Indicator	Work (Green), Delay (Yellow), Protect (Red)				
Automatic Timer Delay	6s or 180s (configurable)				
Smart Ventilation System	N/A				When the temperature exceeds 60°C, the ventilation fan will turn on
SAFETY					
High / Low Voltage Protection	Yes				
Overload Protection	Yes				
Circuit Protection	Fuse 8A	Fuse 15A		Circuit Breaker	
High Temperature Protection	Yes				
STANDARDS / APPROVALS					
Compliances	CE				
ENVIRONMENT					
Operating Temperature	- 5°C ~ 60°C				
Storage Temperature	15°C ~ 45°C				
Relative Humidity	20% ~ 90% (non-condensing)				
Acoustic Level at 1m	≤ 50dB				
PHYSICAL PROPERTIES					
Dimensions (W x D x H) mm	213 x 234 x 163.5			256 x 320 x 211.5	
Net Weight (kg)	3.55	4.30	4.80	7.85	9.65
WARRANTY & SUPPORT					
Product Warranty	2 Years Full Warranty For Parts and Labour.				

• Changes to the specification contained in this document, and to prices are reserved; so are errors and omissions.
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