

Advanced Surge Protection. Comprehensive Safety Protection.

Automatic Voltage Regulator (AVR) KVR-800U | 800VA

The KVR-800U is an 800VA automatic voltage regulator designed to safeguard critical equipment under demanding Malaysian power conditions, combining robust protection, clear status monitoring and flexible installation options.

The KVR-800U delivers stable, reliable power through a high-efficiency toroidal transformer, engineered for long-term performance. It features a secured, extended input power cord of up to 5 meters and a comprehensive multi-layer protection system, including thermal cut-off, overload protection, advanced surge and spike suppression rated up to 360 joules, a resettable input circuit breaker and start-up delay to protect connected equipment during power fluctuations. An integrated LED display provides clear, real-time visibility of input and output voltage, allowing users to monitor power status at a glance and respond quickly to any changes.

The unit is equipped with 4 British sockets, providing a firm, secure connection and helping to reduce the risk of loose contacts, arcing and accidental disconnection. This allows multiple devices to be connected safely up to the unit's rated capacity.

Designed for flexible deployment, the KVR-800U supports wall mounting as well as horizontal or vertical placement, making it suitable for both home and commercial environments. It provides dependable voltage regulation for computers, networking equipment, POS systems, audiovisual devices, security systems and telecom applications, helping to reduce downtime and extend the lifespan of critical electronic equipment.



FEATURES



Reliable Voltage Stability & Protection

Provides stable 230VAC output with built-in overload, thermal, surge current protection, and delayed restart for safe equipment operation.



Real-time Monitoring & Visual Indicators

Real-time LED voltage display ($\pm 3V$) with three status indicators enables quick monitoring and instant system status awareness.



Intelligent Thermal Safeguard

Smart thermal cut-off instantly disconnects power to prevent overheating, ensuring safe and reliable operation.



Advanced Surge & Spike Defense Technology

360J high-energy surge protection safeguards AC power and RJ11 communication lines against lightning and electrical spikes



Maximum Performance, Protection & Energy Savings

Stable, efficient power extends equipment lifespan, ensures smooth operation, and reduces energy and maintenance costs.



Flexible Installation with Effortless Operation

User-friendly design with flexible mounting options supports easy installation and compatibility with a wide range of devices.

KVR-800U Front and Side Panels

1. (4) BS 1363A British Standard Sockets
2. LED Display
3. LED Indicators : Working / Delaying / Unusual
4. Power Switch
5. RJ11/ RJ45 Ports
6. Input Power Cord With BS 1363 Plug Top



Technical Specification

AUTOMATIC VOLTAGE REGULATOR

MODEL	KVR-800U
Capacity	800VA
INPUT	
Nominal Input Voltage	220VAC / 230VAC / 240VAC
Input Voltage Range	184 - 284V
Input Frequency	50Hz
Input Power Cord	5-meter Cables Fitted with Integrated Fuse Protection British Plug Top
OUTPUT	
Nominal Output Voltage	220VAC / 230 VAC / 240VAC
Output Voltage Regulation	230VAC \pm 5%
Output Current	Real Time Dynamic Output Current (Cut-off Protection: 3A)
Voltage Regulation Calibration	Automatic
Output Frequency	50Hz
Output Socket	(4) BS 1363A British Output Socket c/w Safety Window
DISPLAY & INDICATION	
Display Type	3-Digit LED Numeric Display
Status Indicator	User Friendly Dynamic LED Indicator
Display Accuracy	Real-Time Output Voltage Indication, \pm 3V Accuracy
SAFETY PROTECTION	
Over-Temperature Protection	Yes
Overload Protection	Yes
Lightning & Surge Protection	Yes
Surge & Spike Protection	Via RJ11/RJ45 Ports
Surge & Spike Suppression Rating	360J
Main Input Protection	Via Resettable Circuit Breaker
Start-Up Delay Relay	6 Seconds
STANDARDS & COMPLIANCE	
Certifications	CE Compliant
PHYSICAL PROPERTIES	
Dimensions (W x D x H)	270 x 245 x 105 mm
Net Weight	2.0 kg
WARRANTY & SUPPORT	
Product Warranty	3 Years Parts Warranty Against Manufacturing Defects