

*"Quality manufactured UPS
to British and EU standards"*

System information

- ✓ Full-digitized control with comprehensive monitoring and protections
- ✓ Multi-Level AVR function under utility mode to protect connecting devices/loads.
- ✓ Powerful communication function and surge protections to keep normal operations.
- ✓ Intelligent empty load auto-detection and shutdown function to enhance battery lifetime

KWU-AK UPS Series

Line-Interactive UPS (400-1500VA)



Compatible Applications/Loads

PDU Experts KWU-AK Series UPS is an ideal option for providing backup power for office devices such as PCs, POS machine, SOHO, or other small security devices.



KWU-AK Technical Specifications

Capacity	400VA/240W	600VA/360W	800VA/480W	1000VA/600W	1500VA/900W
Host Machine Specifications					
UPS Structure	Line-Interactive Design				
Protection Functions	Overload; Short-Circuit; Over Temp.; Utility Voltage High/low; BAT Voltage High/low(Shutdown Protection)				
Overload	> 110% Alarm Shutdown				
Short-Circuit	Input Fuses Protection (AC Mode) , Circuit Auto Protection (BAT Mode)				
Noise Suppression	EMI / RFI Filter				
Modem	SB-C; 2 Piece of RJ11 SB-N; None				
Display	LED Display, UPS Operational Status, BAT Fault, other fault information				
Alarm	Utility Power Fault, BAT Low, Overload, UPS Fault				
Mute	Auto				
Temperature	0 ~ 40°C				
Humidity	< 95% Non-Condensing				
Rectifier Specification					
Input Voltage Range	160-287Vac				
Input Frequency Range	50Hz ± 10%				
Output Specifications					
AVR	Intelligent Auto AVR Function				
Output Voltage (AC mode)	220Vac ± 10% (Utility Power Voltage within ± 20%)				
Output Voltage (BAT Mode)	220Vac ± 3%				
Output Freq. (BAT Mode)	50Hz ± 10%				
Output Waveform	Modified Sine wave (BAT Mode)				
AC-DC Switching Time	2-5ms				
BAT Parameters					
Type	Sealed Lead-Acid Maintenance Free Battery				
Rated Voltage/ Units	12V/7Ahx1 Unit	12V/7Ahx1 Unit	12V/9Ahx1 Unit	12V/7Ahx2 Units	12V/9Ahx2 Units
Charging Time	12V/7Ahx2 Units				
Backup Time	5-15 Mins				
Communication reports					
Telecommunication	RS232/SNMP (Optional)				
Monitoring Software	Multi-functional management, utility power and battery status; Utility Power Failed; BAT Low, Remote Shutdown and other menus				
Physical Specifications					
Size mm (WxDxH)	85x323x155	95x323x155	95x323 x155	110x351 x181	110x351 x181
Net Weight Kg	6	7.5	8.5	10.5	13.2