

SMARTPOWER

UPS



- * True on-line technology provides all power protection
- * Wide input voltage range
- * Short circuit and overload protection
- * Pure sine-wave output with less than 3% THD
- * Digital microprocessor 5th generation
- * Cold start function (DC power on)
- * Lightning and surge protection
- * Automatic battery charge in UPS off mode
- * RS-232 comms port with monitoring software
- * Hot swappable battery user
- * Battery protection alarm function
- * RJ45 LAN Network protection
- * Adopt advanced IGBT large rating parts
- * Indicator LED's of all functions



MODEL POWERSMART	MODEL # KWA1KS V03
Capacity Technology	1000 VA/ 700W On line, double conversion topology with automatic bypass
INPUT Phase Voltage Frequency Power Factor	Single phase with ground 110/120VAC 55 - 65Hz >0.95
OUTPUT Voltage Frequency Voltage Distortion Stability Frequency Regulation Power Factor Transfer Time Output Waveform Connection Output Creast Factor Efficiency	120V +/- 2% 60 Hz +/- 2% <5% THD at full non-linear load, <3% THD at full linear load Full load +/- 3% +/- 0.25 Hz (Battery or free running mode) 0.7LAG Zero Transfer Time Sine wave Receptacles 3 x 15R (US) >3:1 >0.85
BATTERY Battery Type Number of Batteries Backup time/ full load	12V7AH 3 9 min
GENERAL INFORMATION Ambient Temperature Recommended Temperature Storage Temperature Cooling Humidity Audible Noise Net Weight (kg) Dimentions (WxDxH mm) Outlet	+0 C to +40 C +15 C to +25 C -15 C to +15 C Forced air cooling 0-95%, non-condensing 45 dB normal and battery mode 7.5 495x240x330 3+0
PROTECTION Overload Short Circuit Over Temperature	110% - 130% (30 sec) >130% (200 ms) Shut off Inverter and Bypass output The switch can be changed to bypass
COMM. PORT	RS232 (SNMP & USB Optional)