

SMART KING

Pure sine wave output for any critical load

- Line interactive design
- Boost and buck AVR
- Hot swappable battery replacement by users
- Overload, on-line, battery status LED or LCD display
- Fully digitized microprocessor controlled
- Smart RS-232 communication port
- Lightning and surge protection
- Short circuit and overload protection
- 50/60Hz frequency auto sensing
- Tel/modem internet spike protection
- Site wiring fault warning *
- Smart power management with software
- Load/Battery power meter display
- Advanced battery management (ABM)
- Energy saving (UPS sleep mode)
- Cold start (DC power on)
- SNMP capability

* feature only for 100V/110V/115V models



SMK-600~1250A-RM (2U)



SMK-1500A~3000AL-RM (3U)



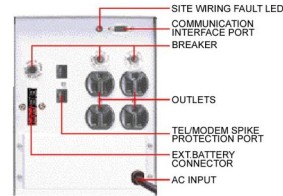
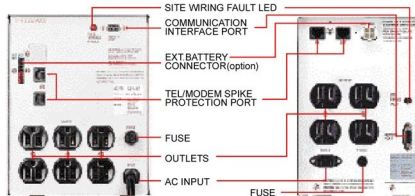
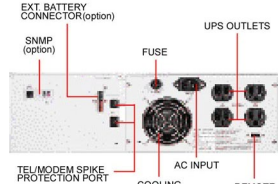
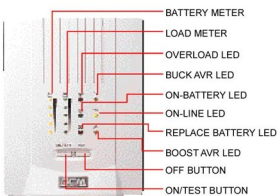
(For SMK-3000A-LED/LCD only)

SMK-600/800/1000/1250/1500/2000/2500/3000A



Complete Power Solution™

ISO 9001 Certified Company



SPECIFICATION

	SMK-600A	SMK-800A	SMK-1000A	SMK-1250A	SMK-1500A	SMK-2000A	SMK-2500A	SMK-3000A(110V)	SMK-3000A(220V)
Tower Model (LED display)	SMK-600A-LCD	SMK-800A-LCD	SMK-1000A-LCD	SMK-1250A-LCD	SMK-1500A-LCD	SMK-2000A-LCD	SMK-2500A-LCD	SMK-3000A-LCD	SMK-3000A-LCD
Tower Model (LCD display)	SMK-600A-LCD	SMK-800A-LCD	SMK-1000A-LCD	SMK-1250A-LCD	SMK-1500A-LCD	SMK-2000A-LCD	SMK-2500A-LCD	SMK-3000A-LCD	SMK-3000A-LCD
19" Rack-mount Model	SMK-600A-RM	SMK-800A-RM	SMK-1000A-RM	SMK-1250A-RM	SMK-1500A-RM	SMK-2000A RM	SMK-2500A-RM	N/A	SMK-3000A-LRM
INPUT									
Capacity	600VA	800VA	1000VA	1250VA	1500VA	2000VA	2500VA	3000VA	3000VA
Voltage	+/-25% at line input, single phase								
Frequency	50 or 60Hz +/-5Hz (auto sensing)								
OUTPUT									
Voltage (on battery)	Pure sine wave at +/-5% of nominal, -10% of nominal after low battery warning								
Frequency (on battery)	50 or 60Hz +/-0.5%								
Voltage Regulation(AVR)	AVR automatically increase output voltage 15% above input voltage if -9% to -25% of nominal. AVR decrease output voltage 15% below input voltage if +9% to +25% of nominal								
PROTECTION and FILTERING									
Spike Protection	320 Joules, 2ms								
Unit Input	Fuse for 110V models (600VA~2500VA) and 220V models (under 1250VA), breaker for 110V model (3000VA) and 220V models (above 1500VA)								
EMI/RFI filter	10dB at 0.15MHz, 50 dB at 30MHz								
Overload Protection	UPS automatic shutdown if overload exceeds 110% of nominal at 20 seconds and 125% at 5 seconds.								
Transfer Time	2/4 milliseconds (typical), including detection time								
Short Circuit	UPS output cut off immediately or input fuse(or breaker) protection								
BATTERY									
Type	Hot swappable, sealed, maintenance-free lead acid, with 3-6 years lifetime								
Typical Recharge Time	4 hours (to 90% of full capacity)								
Protection	Automatic self-test & discharge protection, Replace battery indicator								
Back up Time (one PC and one 15" monitor)	≈ 55 min	≈ 60 min	≈ 65 min	≈ 70 min	≈ 90 min	≈ 120 min	≈ 140 min	≈ 240 min	≈ 140 min
NET WEIGHT kg(lbs)									
Tower	13.8 (30.4 lb)	14.5 (31.9 lb)	15.0 (33.0 lb)	15.8 (34.8 lb)	25.0 (55.0 lb)	30.0 (66.0 lb)	30.0 (66.0 lb)	20.5 (45.1 lb)	19.5 (43.0 lb)
19" Rack-mount	15.7 (34.5 lb)	18.0 (39.6 lb)	20.0 (44.5 lb)	23.5 (51.7 lb)	26.1 (57.4 lb)	28.4 (62.5 lb)	28.4 (62.5 lb)	N/A	32.5 (71.5 lb)
DIMENSION W x D x H (mm)									
Tower	140 x 436 x 210 (5.5" x 17.2" x 8.3")				170 x 450 x 226 (6.7" x 17.7" x 8.9")			170 x 580 x 226 (6.7" x 22.8" x 8.9")	
19" Rack-mount	483 x 381 x 84 (19.0" x 15.0" x 3.3")				483 x 381 x 130 (19.0" x 15.0" x 5.1")			N/A	
LCD Indicators	Status								
	Indicate line, bypass, inv, backup, fault, bat capacity, load capacity, I/P frequency, O/P voltage, O/P frequency, inside temperature, fault status, load								
ALARM									
Battery Back-up	Slow beeping sound (about 0.25Hz)								
Battery Low	Rapid beeping sound (about 1.00Hz)								
Overload	Continue beeping sound								
INTERFACE									
Dry contact	Sends AC fail and battery low signals, and receives shutdown signal from computer.								
RS232	Detect battery low, Schedule UPS on/off, AC input/output power status display.								
Option	Novell, SNMP, Windows NT, Windows 95/98/2000/ME								
ENVIRONMENT									
Ambient operation	3,500 meters max. elevation, 0-95% humidity non-condensing, 0-48 deg C								
Audible noise	<40dBa (1 meter from surface)								
Storage condition	15,000 meters max. elevation								



Available Through:



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