

Professional Series



Green
Power



Environmental
Friendly



Energy
Saving



Smart Cube FR Series

Pure Sinewave UPS



- User Friendly LCD Display
- Low Frequency Design
- Energy Saving UPS Technology
- Built-in Automatic Voltage Regulator (AVR)
- Cold Start Function & Off Mode Charging
- Generator Compatible
- High Quality Sealed Lead Acid Maintenance Free Battery
- YUASA / BB / LEOCH
- Modem /Fax / Tel Line / Network Protection (RJ 45) *Optional
- Comes with USB Port /RS232 Port, SNMP Slot & Power Management Software



• Built-in •
AVR



• Long Back-up •
Time



• Software •



• 3 Years •
Warranty

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RIGHT POWER

The Power Of Continuity



Technical Specification:

MODEL	SC FR 500-SS	SC FR 750-SS	SC FR 1000-SS	SC FR1500-SS
CAPACITY (VA/WATTS)	500VA/300W	750VA / 450W	1000VA / 600W	1500VA / 900W
INPUT				
INPUT VOLTAGE	220V / 230V / 240V			
VOLTAGE RANGE	165 - 290VAC			
FREQUENCY RANGE	50Hz or 60Hz (Auto-sensing)			
OUTPUT				
OUTPUT VOLTAGE	220V / 230V / 240V			
FREQUENCY (Batt. Mode)	50/60Hz $\pm$ 1%Hz			
WAVEFORM	Pure Sinewave			
THDv	$\leq$ 3% @ Linear Load, $\leq$ 5% @ Non-Linear Load			
TRANSFER TIME (Typical)	4ms			
OVERLOAD PROTECTION	Circuit Breaker or Inner Firmware Protection			
OUTPUT SOCKET	4 x IEC C13			
BATTERY				
SEALED LEAD ACID MAINTENANCE FREE	6V 7AH x 2	6V 9AH x 2	6V 7AH x 4	6V 9AH x 4
BATTERY RECHARGE TIME	4 Hours to 90% After Complete Discharge			
CHARGER CURRENT	1A			
BACKUP TIME	15 - 20 minutes depending on load			
STATUS INDICATOR				
LCD DISPLAY	Input/Output Voltage, Load Level, Battery Level, AC Mode, Battery Mode, UPS Fault			
AUDIBLE ALARMS	On Battery, Low Battery, Overload, UPS Fault			
INTERFACE				
RS232	Yes			
HID COMPLIANT USB PORT	N/A			
SMART SLOT	Yes			
EMERGENCY POWER OFF (EPO)	Yes			
PHONE/FAX/MODEM/NETWORK PROTECTION (RJ 45/RJ 11)	N/A			
COMMUNICATION				
POWER MANAGEMENT SOFTWARE	Support Windows Family, Linux & MAC			
ENERGY SAVING FUNCTION	Yes			
AUTO RECHARGE	Yes			
AUTO RESTART	Yes			
PHYSICAL				
OPERATING ENVIRONMENT	0-40°C, 0-90% Relative Humidity (Non-Condensing)			
DIMENSION (D x W x H)mm	216 x 433 x 44 (1U)		485 x 433 x 44 (1U)	
WEIGHT (KG)	7.6	8.6	12	13
WARRANTY				
UPS WARRANTY	3 Years Full Warranty Include Parts & Labour			
	2 Years Warranty for Battery			

*Specification subjects to change without prior notice



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Technical Specification:

MODEL	SC FR 1200	SC FR 1200KS	SC FR 2200	SC FR 2200KS	SC FR 3000	SC FR 3000KS
CAPACITY (VA/WATT)	1200VA/720W		2200VA/1,320W		3000VA/1,800W	
INPUT						
INPUT VOLTAGE	220V / 230V / 240V					
VOLTAGE RANGE	165 - 290VAC					
FREQUENCY RANGE	50Hz or 60Hz (Auto-sensing)					
OUTPUT						
OUTPUT VOLTAGE	220V / 230V / 240V					
FREQUENCY (Batt. Mode)	50/60Hz ± 1%Hz					
WAVEFORM	Pure Sinewave					
THDv	≤ 3% @ Linear Load, ≤ 5% @ Non-Linear Load					
TRANSFER TIME (Typical)	4ms					
OVERLOAD PROTECTION	Circuit Breaker or Inner Firmware Protection					
OUTPUT SOCKET	4 x IEC C13				8 x IEC C13	
BATTERY						
SEALED LEAD ACID MAINTENANCE FREE	12V 7AH x 2	Depending on External Batteries	12V 9AH x 2	Depending on External Batteries	12V 9AH x 4	Depending on External Batteries
BATTERY RECHARGE TIME	4 Hours to 90%		4 Hours to 90%		4 Hours to 90%	
BACKUP TIME (Depending on Load)	15 - 20 minutes		15 - 20 minutes		15 - 20 minutes	
CHARGER CURRENT	1A	10A/15A	1A	10A/15A	2A	10A/15A
STATUS INDICATOR						
LCD DISPLAY	Input/Output Voltage, Load Level, Battery Level, AC Mode, Battery Mode, UPS Fault					
AUDIBLE ALARMS	On Battery, Low Battery, Overload, UPS Fault					
INTERFACE						
RS232	Yes					
HID COMPLIANT USB PORT	Yes					
SMART SLOT	Optional					
EMERGENCY POWER OFF (EPO)	Optional					
PHONE/FAX/MODEM/NETWORK PROTECTION (RJ 45/RJ 11)	Optional					
COMMUNICATION						
POWER MANAGEMENT SOFTWARE	Support Windows Family, Linux & MAC					
ENERGY SAVING FUNCTION	Yes					
AUTO RECHARGE	Yes					
AUTO RESTART	Yes					
PHYSICAL						
OPERATING ENVIRONMENT	0-40°C, 0-90% Relative Humidity (Non-Condensing)					
DIMENSION (D x W x H)mm	400 x 438 x 88 (2U)					
WEIGHT (KG)	14	11.5	16.5	12	22	18.3
WARRANTY						
UPS WARRANTY	3 Years Full Warranty Include Parts & Labour					
	2 Years Warranty for Battery					

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