

Smart Cube FR Series Pure Sinewave UPS



The Smart Cube FR series is a pure sinewave rackmount UPS. It comes with an LCD panel that displays information such as input voltage, output voltage, battery status, and load level.

This UPS comes with an Automatic Voltage Regulator (AVR) to ensure all connected equipment receives stable power at the same voltage as the utility.

The Smart Cube FR series is the ideal solution for networking equipment, workstations, servers, and mission-critical equipment.

Features

- User Friendly LCD Display
- Rackmount Type Pure Sinewave UPS
- 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
- Modem / Fax / Tel Line / Network Protection (RJ 45) *Optional
- Comes with USB Port, RS-232 Communication Port, SNMP Slot & Power Management Software



Education Center



Server Room



Local Area Network (LAN)



Workstation



Key Advantages

User Friendly LCD Display

LCD display shows information such as input voltage, output voltage, load level and battery capacity

Pure Sine Wave Output

Pure sinewave output to meet the equipment's requirements, increasing system efficiency.

Built-in Automatic Voltage Regulator (AVR)

Built-in AVR for voltage stabilization to provide clean and stable power to connected equipment. AVR features help to correct high and low voltage without using battery power

Power Management Software

Come with USB Port interfaces to support UPS Power Management Software

Front & Rear Panel

1KVA - 3KVA



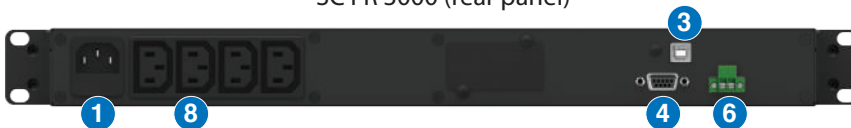
SC FR 1200 - SC FR 3000 (front panel)



SC FR 1200 - SC FR 2000 (rear panel)



SC FR 3000 (rear panel)



SC FR 1000 (1U) (rear panel)

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|------------------------------|---|
| 1. AC Input | 5. Network/Fax/Modem Surge Protection (RJ 45) |
| 2. Input Circuit Breaker | 6. EPO Connector |
| 3. USB Communication Port | 7. Intelligent Slot |
| 4. RS-232 Communication Port | 8. IEC Output Socket |



Technical Specification:

MODEL	SC FR 1000	SC FR 1200	SC FR 2200	SC FR 3000
CAPACITY (VA/WATT)	1000VA / 600W	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	6V 7AH x 4	12V 7AH x 2	12V 9AH x 2	12V 9AH x 4
BATTERY RECHARGE TIME	4 Hours to 90%			
BACKUP TIME (Depending on Load)	20 - 30 minutes			
CHARGER CURRENT	1A	1A	1A	2A
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		Yes	
HID COMPLIANT USB PORT	Yes		Yes	
SMART SLOT	Yes		Yes	
EMERGENCY POWER OFF (EPO)	Yes		Yes	
PHONE/FAX/MODEM/NETWORK PROTECTION (RJ 45/RJ 11)	N/A		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	216 x 422 x 44 (1U)	430 x 438 x 88 (2U)		
WEIGHT (KG)	12	14	16.5	22
WARRANTY				
UPS WARRANTY	3 Years Full Warranty Include Parts & Labour			
	2 Years Warranty for Battery			

*Specification subjects to change without prior notice

