

True Double Conversion On-line UPS

SUI Series 6KVA~10KVA (Tower Cabinet)

Features :

- High Performance True Double Conversion On-Line UPS
- Extended Back-up Time with External Battery Bank
- Microprocessor Control Guarantees High Reliability
- RS-232 Communication Port and Built-in SNMP Slot
- Unite Input Power Factor and Wide Input Range
- Low Heat Dissipation in Long Time Operation
- High Efficiency Design to save Electricity
- Built-in Isolation Transformer (Option)
- **Power Distribution Unit (PDU)**
for Input and Output Terminals
- **Emergency Power Off Function (EPO)**
- Automatic Self-diagnostic Function
- Input THDi < 5%; Output THD < 2%
- **High Efficiency Mode (ECO Mode)**
- Thermo-controlled Fan Speed
- DC (Battery) Start Function
- Two-step Charging System
- **Output Power Factor 0.9**



Applications :

- ◆ ATM / ADM
- ◆ Computers
- ◆ Computer Center
- ◆ Emergency Lighting
- ◆ Hospitals / Medical Instrument
- ◆ Lan File Server
- ◆ Network & Data Center
- ◆ OA Facilities
- ◆ Security Monitoring PC or Sever
- ◆ Telecommunication Equipments
- ◆ Any Equipments which requires
High Stability Power Protection



Technical Specification (Tower Cabinet)

Model	SUI-1106	SUI-1106L	SUI-1110	SUI-1110L
Capacity	6 KVA / 5.4 KW	6 KVA / 5.4 KW	10 KVA / 9 KW	10 KVA / 9 KW
INPUT				
Phase	1 Phase 2 Wires + Ground			
Voltage	220 / 230 / 240Vac			
Frequency (Battery Mode)	50 Hz or 60 Hz (Auto Sensing)			
THDi	<5% with Resistor Full Load			
OUTPUT				
Phase	1 Phase 2 Wires + Ground or 1 Phase 3 Wires + Ground (with Isolation Transformer)			
Voltage	1Phase 2W+G: 220/230/240Vac; 1Phase 3W+G: 110/220 or 115/230 or 120/240Vac			
Voltage Regulation	±1% (±2% with Isolation Transformer)			
Frequency (Battery Mode)	50 Hz or 60 Hz ±0.05Hz			
Waveform	Pure Sinewave			
Total Harmonic Distortion	< 2% (Linear Load) or < 5% (Non-linear Load)			
Crest Ratio	3 : 1			
EFFICIENCY				
To AC Mode	>92% at Full Load and Battery Full Charged			
To Battery Mode	>92% at Full Load and 12Vdc / Battery			
ECO Mode	>96% at Full Load and Battery Full Charged			
BATTERY				
Voltage	240VDC			
Type	12V / 7AH * 20pcs	Extendable	12V / 9AH * 20pcs	Extendable
Recharge Time	7Hrs to 90%	Depend on Capacity Of External Battery	8Hrs to 90%	Depend on Capacity of External Battery
TRANSFER TIME				
Line ↔ Battery	0ms			
Inverter ↔ Bypass	0ms			
ECO Mode ↔ Inverter	< 10ms			
DISPLAY				
LED	Normal (Green), Bypass (Yellow), Fault (Red), Battery (Yellow)			
LCD	Load Level, Battery Voltage, Battery Mode, AC Mode, Bypass Mode Information			
AUDIBLE ALARM				
Battery Mode	Sounding every 4 seconds			
Low Battery	Sounding every second			
Overload	Sounding twice every second			
Fault	Continuous sounding			
MANAGEMENT				
Interface (Port)	USB Port, Dry Contact (Option)			
Intelligent Slot	Slot for SNMP or AS400 Card (Option)			
E.P.O.	Emergency Power Off			
External Battery Connector	Yes, 240VDC			
ENVIRONMENT				
Temperature / Humidity	0~40°C (32°F ~ 104°F) / 0~95% Non-condensing			
Acoustic Noise	< 50dB at 1M			
PHYSICAL				
Cabinet Type	Tower			
Dimension	Main UPS Box	623(D) x 192(W) x 347(H) mm		
	Battery Box	623(D) x 192(W) x 347(H) mm		
	ISO-Box with PDU	623(D) x 192(W) x 347(H) mm		

• All specifications are subject to change without notice.