

## True Double Conversion On-line UPS

### SUI Series 1KVA~3KVA (Tower Cabinet)

#### Features :



- High Performance True Double On Line UPS 1-3KVA
- Intelligent Slot (SNMP)+USB Multiple Communications
- **Individual Power Distribution Unit (PDU)**  
**Maintenance Bypass Switch (Optional for 3KVA)**
- External Battery Bank to Extend Back-up Time (Option)
- Microprocessor Control Guarantees High Reliability
- Low Heat Dissipation in Long Time Operation
- Emergency Power-off Function (EPO)
- High Efficiency Mode (ECO Mode)
- Output Voltage Regulation <2%
- Automatic Self-testing Function
- Power Management Software
- Output Power Factor 0.8
- Wide Input Range
- Fan Speed Control
- DC Start



#### Applications :

- ATM / ADM
- Computers
- Computer Center
- LAN File Server
- Network & Data Center
- Emergency Lightning
- OA Equipment
- Medical Instrument / Hospitals
- Security Monitoring PC or Server
- Sophisticated Instruments
- Sophisticated Monitoring Systems
- Telecommunication Equipments
- Any Equipments which required High Stability
- Power Protection

#### Power Distribution Unit (PDU) c/w Maintenance Bypass Switch:



## Technical Specification

Model	SUI-1101	SUI-1101L	SUI-1103	SUI-1103L
<b>Capacity</b>	1KVA / 0.8KW		3KVA / 2.4KW	
<b>INPUT</b>				
Voltage (select one)	1Phase 2W+G, 100 / 110 / 115 / 120Vac or 200 / 208 / 220 / 230 / 240Vac			
Voltage Range	100 / 110 / 115 / 120Vac: 55 ~ 150Vac; 200 / 208 / 220 / 230Vac: 110 ~ 300Vac			
Frequency	50Hz or 60Hz (Auto Sensing)			
THDi	<5% at full load			
<b>OUTPUT</b>				
Voltage(select one)	1Phase 2W+G, 100 / 110 / 115 / 120Vac or 200 / 208 / 220 / 230 / 240Vac			
Voltage Regulation	100 / 110 / 115 / 120Vac: <1%; 200 / 208 / 220 / 230 / 240Vac ±2%			
Frequency (Battery Mode)	100 / 110 / 115 / 120Vac: 50 or 60Hz ±0.1Hz; 200 / 208 / 220 / 230 / 240Vac: 50 or 60Hz ±0.2Hz			
Waveform	Pure Sine Wave			
Total Harmonic Distortion (THD)	100 / 110 / 115 / 120Vac: <4% (Linear Load); <8% (Non-linear Load); 200 / 208 / 220 / 230 / 240Vac: <3% (Linear Load); <5% (Non-linear Load)			
Crest Factor	3 : 1			
<b>EFFICIENCY</b>				
To AC Mode	100 / 110 / 115 / 120Vac: >89% at Full Load and Battery Full Charged 200 / 220 / 230 / 240Vac: >88% at Full Load and Battery Full Charged			
To Battery Mode	100 / 110 / 115 / 120Vac: >85% at Full Load and Battery Full Charged 200 / 220 / 230 / 240Vac: >85% at Full Load and Battery Full Charged			
To ECO Mode	100 / 110 / 115 / 120Vac: >95% at Full Load and Battery Full Charged 200 / 220 / 230 / 240Vac: >93% at Full Load and Battery Full Charged			
<b>BATTERY</b>				
Voltage	36Vdc		100 / 110 / 115 / 120V: 72Vdc; 200 / 220 / 230 / 240V: 96Vdc	
Type	12V/7AH*3pcs	Extendable	72Vdc:12V/9AH*6pcs 96Vdc:12V/7AH*8pcs	Extendable
Recharge Time	5hours to 90%	Depend on Capacity of External Battery	5hours to 90%	Depend on Capacity of External Battery
<b>TRANSFER TIME</b>				
Line Mode to Battery Mode	0ms			
Inverter to Bypass, ECO Mode	<4ms			
ECO Mode to Inverter	<10ms			
<b>DISPLAY</b>				
LCD Display	I/P, O/P, Load, Battery, Mode/Fault/Warning Code, Inverter Operating, Bypass Operating, Output Voltage and Frequency and Bypass Disable / Enable Selection Information			
<b>AUDIBLE ALARM</b>				
Battery Mode	Beeps Every 4 Seconds			
Battery Low	Sounding Every Second			
Overload	Sounding Twice Every Second			
UPS Fault	Continuously Beeping			
<b>COMMUNICATIONS</b>				
Interface (Port)	USB Port			
Intelligent Slot	Slot for SNMP or AS400 Card			
EPO	Emergency Power Off			
<b>ENVIRONMENT</b>				
Temperature	100 / 110 / 115 / 120V: 0 <sup>o</sup> ~ 40 <sup>o</sup> C; 200 / 208 / 220 / 230 / 240V: 0 <sup>o</sup> ~ 45 <sup>o</sup> C			
Humidity	20~90% (Non-condensing)			
Acoustic Noise	100 / 110 / 115 / 120V: <45dB @1M; 200 / 208 / 220 / 230 / 240V: <50dB @1M			
<b>PHYSICAL</b>				
Size (W*D*H/mm)	420*145*230mm		560*193*346mm	

\* All specifications are subject to change without prior notice.

\* Custom-made specifications welcome.