

# เครื่องสำรองไฟฟ้าแบบ ONLINE UPS



## SI900 Series True Online High Frequency Dual conversion UPS 1 KVA-10 KVA



### Ideal applications

Centralized server center, mainframe,  
network control center, computing  
center

### Control Panel



- |             |          |
|-------------|----------|
| 1 Bypass    | 5 Fault  |
| 2 AC Input  | 6 Screen |
| 3 AC Output | 7 LCD    |
| 4 Battery   |          |

- High frequency and dual conversion on-line technology
- Wide input voltage range
- Digital control technology
- N+1 redundancy parallel function(6~10KVA)
- Advanced PFC technology
- True sine wave output with less than 3% THD
- Self-diagnosis at UPS startup
- Advanced battery management (ABM)
- Cold start feature(DC power on )
- Automatically charging batteries in UPS off mode
- Lightning and surge protections (surge energy rating 1050
- Short circuit and overload protections
- Fan speed automatically changes as load varies
- Optional external battery pack
- EMI/RFI noise filter
- RS232
- Shutdown & restart schedule

# SI900 Series True Online High Frequency



Rear Panel



- |                          |                            |
|--------------------------|----------------------------|
| 1 Overcurrent Protection | 7 RS232                    |
| 2 AC Input               | 8 SNMP(Optional)           |
| 3 Modem/Tel/Fax          | 9 Parallel Card(Optional)  |
| 4 DC Input               | 10 Manual Bypass(Optional) |
| 5 Outlet                 | 11 Breaker                 |
| 6 FAN                    | 12 Terminal                |

## Specifications

Model	SI901	SI902	SI903	SI906	SI910
Capacity (Linear Load)	1KVA/800W	2KVA/1600W	3KVA/2400W	6KVA/4800W	10KVA/8000W
Input					
Voltage Range	Half-Load 120-300VAC, Full-Load 165V-300VAC			176V~276VAC	
Frequency Range	45.5Hz~54.5Hz				
Power Factor	>0.95				
Output					
Voltage	220/230/240V±1%				
Frequency	50/60Hz±0.5				
Distortion	< 3%(Linear Load); < 5%(Non-linear Load)				
Waveform	True Sine Wave				
Power Factor	0.8				
Overload Capability	110%~150%: Switch to Bypass after 1Min; >150%: Shut down after 200ms			110%~150%: 10Min; >150%: 1Min	
Crest Factor	3:1				
Short Circuit	UPS turn off output and alarm				
Battery					
Model	12V sealed lead acid maintenance free				
Voltage	36VDC	96VDC		240VDC	
Configuration	3x12V/7AH	8x12V/7AH		20x12V/7AH	20x12V/9AH
Recharge Time	90% capacity after 8 hrs charging				
Charge Current	Standard Model:1A; Long time Model:7.5A			Standard Model:1A; Long time Model:5A	
Others					
Communication Interface	RS232; SNMP(optional)				
LCD and LED	Utility, Inverter, Bypass, Battery, Load, Battery Mode, Frequency, UPS Fault Indicator				
Audible Alarm-Battery Discharge	Utility Failure, Beep/4s; Battery Low, Beep/1s				
UPS Abnormal	Continuous Beep and Red LED on				
Noise Level	<55dB				
Ambient Temperature	0℃~40℃				
Humidity	10%~90%				
Dimension(mm)	145Wx215Hx415D	190Wx330Hx470D		260Wx730Hx560D	
Net weight(Kg)	6.5KG(H), 12.3KG(S)	13.2KG(H), 28KG(S)		40.5KG(H), 86.3KG(S)	
Packing Dimension	236Wx316Hx492D	337Wx482Hx602D		355Wx815Hx650D	
Gross weight)Kg(	7.6KG(H), 13.3KG(S)	14.5KG(H), 29.3KG(S)		42.8KG(H), 93.6KG(S)	

◆ All specifications subject to change without notice.  
◆ Custom-made specifications are acceptable.