



# ONLINE DOUBLE CONVERSION SINE-WAVE UPS

## GS9XX-HF Series from 1kVA to 10kVA

### 1KVA ~ 10 KVA (1:1)



#### Features

- High frequency and true double-conversion
- DSP digital control technology
- Wide input voltage range (110V ~ 300V)
- Output power factor 0.9
- Optimized battery configuration: 192V / 240V
- Cold start
- Auto sensing frequency
- ECO mode operation for energy saving
- Input power factor correction (PFC)
- Selectable output voltage via LCD
- Output bypass settable via LCD
- Power-on self test
- Advanced battery management (ABM)
- Short circuit and overload protection
- Automatic charging in OFF mode
- Fan speed auto control when loads varies
- Standard RS232 communication port and RJ 45 Protection
- Optional USB/ SNMP/ communication port
- Optional Emergency Power off (EPO)
- Optional extension battery bank
- Optional battery temperature compensation
- Optional built-in isolation transformer

#### Rear Panel

1. Overcurrent Protection
2. AC Input
3. Modem/Tel/Fax
4. DC Input
5. Outlet
6. Fan
7. RS232
8. USB (optional)
9. EPO (optional)
10. SNMP/AS400 (optional)



## Online Transformerless UPS

#### Specifications

Model	GS901-HF	GS902-HF	GS903-HF	GS906-HF	GS910-HF
Capacity	1KVA/1000VA	2KVA/2000VA	3KVA/3000VA	6KVA/6000VA	10KVA/10000VA
<b>Input</b>					
Voltage Range	110V- 300VAC (Single Phase With Ground)			176V~276VAC	
Frequency Range	45.5Hz~54.5Hz				
Power Factor	> 0.95				
<b>Output</b>					
Voltage Range	208/220/230/240 ± 2% (Selectable)				
Frequency	46-54Hz				
Distortion	<3%(Linear Load); <5%(Non-linear Load)				
Waveform	Pure Sine Wave				
Efficiency	> 90/94%				
Overload Capability	110%~ 150%: Switch to Bypass after 1Min: >150%: Shut down after 200ms			110%~ 150%: 10Min: >150%: 1Min:	
Form Factor	Tower				
Short Circuit	UPS output turn off and alarm				
<b>Battery</b>					
Model	12V sealed lead acid maintenance free				
Voltage	24/36VDC	72/96VDC	192/216/240VDC		
Recharge Time	90% capacity after 8hrs charging				
Charge Current	Standard Model:1A; Long time Model:7.5A			Standard Model:1A; Long time Model:5A	
<b>Others</b>					
Communication Interface	RS232; SNMP(optiinal)				
LCD and LED	Utility, Inverter, Bypass, Battery, Load, Battery Mode, Fequency, 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°C~40°C				
Transfer Time	0 (zero) Millisecond				
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(H)		
Gross weight(kg)	7.6KG(H),13.3KG(S)	14.5KG(H),29.3KG(S)	42.8KG(H), 93.6KG(S)		