



## Dual CPU Intelligent Control Central Inverters For Humanized Operation And Stability

Our Product Introduction

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### Basic Information

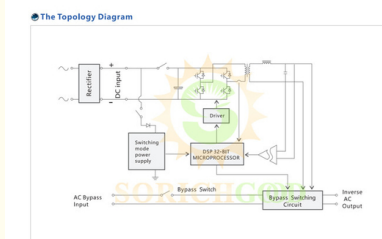
- Place of Origin: China
- Brand Name: GFS
- Certification: CE
- Model Number: TSLFP
- Minimum Order Quantity: 10 units
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



GFS-TSC I W SERIES Low Frequency Pure Sine Wave Off Grid Inverter

### Product Specification

- Rated Power: 50,000W
- Output Voltage: 380VAC  $\pm 5\%$
- Input Voltage: 492VDC
- Peak Overload Capacity: >120%, 10s Protection
- Efficiency:  $\geq 85\%$
- Conversion Time: 1 Second
- Highlight: **380V Central Inverters, 50000W Central Inverters, 380V pv central inverter**



GFS-TSC I W SERIES Low Frequency Pure Sine Wave Off Grid Inverter-1

## Product Description

### Dual CPU Intelligent Control Central Inverters for Humanized Operation and Stability

#### Product Description:

This product is a high-performance pure sine wave inverter that incorporates dual CPU intelligent control technology, ensuring humanized operation and stability. With its advanced pure sine wave AC output, this inverter is designed to handle a wide range of applications, providing high load capacity and reliability. It features advanced protection functions, including battery overvoltage and undervoltage protection, as well as the ability to automatically resume normal operation after voltage normalization. Additionally, it offers three-stage battery charging with type selection and supports state grid automatic conversion. The LCD/LED display menu further enhances the user experience by providing real-time status updates.

INPUT	
Minimum input Voltage DC	48VDC 48VDC 96VDC 192VDC
Input State Grid Voltage AC	380VAC 380VAC 380VAC 380VAC
OUTPUT	
Rated Power	3000W 5000W 10000W 20000W
Output Current	4.5A*3 7.6A*3 15A*3 30A*3
Output Rated VoltageAC	380VAC±5% 380VAC±5% 380VAC±5% 380VAC±5%
Output Frequency	50Hz/60Hz 50Hz/60Hz 50Hz/60Hz 50Hz/60Hz
Size(mm)	350*600*650 350*600*650 400*700*740 675*325*720
Weight(kg)	73 83 150 175
GENERAL DATA	
Output Waveform	Pure sine wave
Conversion Time	1s
THD	<3%
Noise	≤55dB
Inversion Efficiency	≥85%
Peak Overload Capacity	>120%,10s protection 5S protection at 150%
Protective Function	Battery undervoltage protection,mains overvoltage and undervoltage protection, inverter overload,overvoltage,overtemperature,short circuit overvoltage and undervoltage automatically resume operation after the voltage is normal
Environment Temperature	-10°C-50°C
Environment Humidity	≤90%RH,No condensation
Altitude	≤2000m

INPUT			
Minimum input Voltage DC	240VDC 360VDC 492VDC	492VDC	492VDC
Input State Grid Voltage AC	380VAC 380VAC 380VAC	380VAC	380VAC
OUTPUT			
Rated Power	30000W 50000W 100000W	200000W	500000W
Output Current	45A*3 75A*3 150A*3	300A*3	760A*3
Output Rated VoltageAC	380VAC±5% 380VAC±5% 380VAC±5%	380VAC±5%	380VAC±5%
Output Frequency	50Hz/60Hz 50Hz/60Hz 50Hz/60Hz	50Hz/60Hz	50Hz/60Hz
Size(mm)	600*700*1360 600*800*1800 800*1000*2200	800*1000*2200	1000*1200+1500*2200
Weight(kg)	298 380 1400	1700	3000
GENERAL DATA			
Output Waveform	Pure sine wave		
Conversion Time	1s		
THD	<3%		
Noise	≤55dB		
Inversion Efficiency	≥85%		
Peak Overload Capacity	>120%,10s protection 5S protection at 150%		
Protective Function	Battery undervoltageprotection,mains overvoltageand undervoltage protection, inverter overload,overvoltage,overtemperature,short circuit overvoltage and undervoltage automatically resume operation after the voltage is normal		
Environment Temperature	-10°C-50°C		
EnvironmentHumidity	S90%RH,No condensation		
Altitude	≤2000m		
Note:can be customized accordingto customer requirements			

#### Application:

This inverter is ideal for various applications that require stable and reliable power. It is widely used in industries such as telecommunications, data centers, and emergency power systems. It is also suitable for residential or commercial energy storage systems, enabling seamless grid integration. Its ability to withstand high loads, protect against overvoltage and undervoltage, and resume operation after power fluctuations makes it a versatile choice for ensuring continuous power supply in critical environments.

### Shipping Methods

Supports global air and sea shipping.



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