



IP65 High Performance String Inverters 1000VDC 1500VDC

Our Product Introduction

Basic Information

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



GFS-PV SERIES PV Combiner Box-1

Product Specification

- Maximum Input Voltage: 1000VDC/1500VDC
- Maximum Number Of Input Paths: 16/20/24
- Rated Output Current: 288A/360A/432A
- Protection Grade: IP65
- Highlight: **IP65 String Inverters, 1000V String Inverters, 1500V string inverter system**

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Product Description

Power Up Your Solar Panels with Our High-Performance String Inverters

Main Features

- The box can access different strings of solar panels in serial, each string current can be up to 15A-30A maximum.
- Equipped with high voltage lightning protection device, both anode and cathode have the function of lightning protection.
- It's safe and reliable since adopting professional DC high voltage circuit breaker and DC voltage value is $\leq 1500\text{VDC}$.
- Two-stage safety protection device equipped with high-voltage-resistant DC fuses and circuit breakers.
- IP65 degree of protection to meet outdoor installation requirements.
- Simple installation and convenient maintenance, easy to use with long service life.

Note: can be customized according to customer requirements

Product Description:

This high-performance string inverter is designed for optimal energy efficiency in solar power systems. With advanced MPPT technology and robust protection features, it supports multiple solar panel strings, handling up to 1500VDC. The inverter is equipped with high-voltage lightning protection, ensuring reliable and safe operation in various weather conditions. The device's modular system design allows for easy installation, maintenance, and long service life. With IP65 protection, it is suitable for outdoor installation, ensuring durability against harsh environments.

Maximum Input Voltage 1000VDC/1500VDC			
Maximum Number Of Input Paths	4	8	12
Maximum Input Current Of Branch 18A			
Rated Current Of Fuse		25A/30A	
Rated Output Current 72A 144A 216A			
Surge Voltage Protection UC:1000VDC In:20KA Imax40KA Up:≤2.5KV			
Intelligent Monitoring Optional			
Product Size	435*385*145	600*385*145	740*385*175
Weight	10kg 15kg 20.5kg		
Protection Degree	IP65		
Operating Temperature Range	-20~60℃		
Ambient Humidity	0~99%		
Altitude	≤2000M		
Maximum Input Voltage		1000VDC/1500VDC	
Maximum Number Of Input Paths	16	20	24
Maximum Input Current Of Branch		18A	
Rated Current Of Fuse		25A/30A	
Rated Output Current	288A	360A	432A
Surge Voltage Protection UC:1000VDC In:20KA Imax:40KAUp:≤2.5KV			
Intelligent Monitoring		Optional	
Product Size	880*385*175	1080*475*215	1220*475*215
Weight	24kg	38kg	40kg
Protection Degree		IP65	
Operating Temperature Range		-20~60℃	
Ambient Humidity		0~99%	
Altitude		≤2000M	

Application:

This string inverter is ideal for use in residential, commercial, and industrial solar energy systems. It is specifically designed to support high-voltage solar setups, providing reliable energy conversion in outdoor and grid-connected environments. The system is equipped with surge protection and intelligent monitoring, making it suitable for applications where long-term reliability and safety are critical. It is especially useful in regions prone to harsh weather, where durable, weatherproof components are necessary to maintain performance.

Shipping Methods

Supports global air and sea shipping.





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