



Tethered Drone Power Management System high power density and small size

Our Product Introduction

Basic Information

- Place of Origin: Made in China
- Brand Name: GS
- Model Number: WF-1000S50-12K
- Minimum Order Quantity: 1
- Price: Negotiable
- Delivery Time: 6-8
- Payment Terms: T/T
- Supply Ability: 100



Product Specification

- External Dimension: 239*204*139mm
- Input Voltage: 900-1000V
- Output Voltage: 50V/240A
- Input Terminal: XT60
- Output Terminal: XT150
- Weight: 5700grams

Tethered Drone Power Management System

High power density and compact design for professional UAV applications

Attribute	Value
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Input terminal	XT60
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Industrial-Grade Power Solution for Demanding UAV Operations

Engineered for professional drone systems requiring extreme endurance, this 12KW tethered power module converts high-voltage 900-1000V DC input into a stable 50V/240A output, delivering unmatched power density for heavy-lift and long-duration missions.

Key Specifications

Ultra-High Power Output - 12KW continuous power for energy-intensive drones

Wide Input Voltage Range - Tolerates unstable power sources (generators/solar)

Military-Grade Durability - Vibration/shock resistant (MIL-STD-810G tested)

Scalable Design - Parallel operation supported for 24KW+ systems

Application Scenarios

This high-voltage DC power supply is specially customized with advantages of compact size, lightweight construction, high efficiency (>97%), and built-in fan cooling. The aluminum shell design offers durability and aesthetic appeal with waterproof protection, making it an ideal substitute for imported high-voltage DC module power supplies.

Product Features

DC-DC isolated power converter: Isolates and converts 1000V DC input to 50V DC output with 12KW rated power

High power density in a compact, lightweight package

Comprehensive protection features: input overvoltage/undervoltage protection, output overvoltage protection, current limiting, short circuit, and overtemperature protection



Frequently Asked Questions

Q: Do you support OEM/ODM?

A: Yes. We can print your logo on the product.

Q: About samples

A: Samples are typically ready within 7 days, with 10-20 days for OEM/ODM orders. Sample fee and shipping will be charged.

Q: What is the delivery time?

A: Regular orders ship within 15 days; OEM/ODM orders within 25-45 days (quantity dependent). Any delays will be communicated in advance.

Q: What is the minimum order quantity?

A: No MOQ for wholesale (1 piece accepted), including OEM/ODM.

Q: What are your payment terms?

A: L/C or TT 100% payment.

Q: Can you reduce shipping costs?

A: We always select the most economical and secure shipping option. While we have partnerships with carriers, we cannot control final shipping costs.

Q: What is your return policy?

A: Replacement requests must be made within 7 days of receipt. Items must be in original condition, with customer responsible for return shipping costs.



Guangzhou Gesai Intelligent Electronic Technology Co., Ltd.



Kellyyangjing2021@outlook.com



uav-vtoldrone.com

Fuli Yingtong Building, the Pearl River New Town, Tianhe District, Guangzhou, Guangdong, China