

GROUND POWER UNIT 28VDC 1200A

VGPU-28-1200-A01

The VGPU-28-1200 high-performance ground power unit delivers 28V DC power with up to 1200A continuous current, designed for aviation applications. Featuring modular power architecture, and hot-swap functionality, it ensures reliable operation with minimal downtime. The unit offers CAN communication for precise system control and monitoring. Compact and portable with wheels, the VGPU-28-1200 is designed for performance and convenience.

- Universal AC Power Input
- Hot-swap Capability with Built-In Power Modules
- Adjustable Output Voltage & Current
- Overload Protection
- Fault Indicators & Emergency Stop
- DC ON/OFF Switch
- Enhanced Safety
- AC Input Power Cable (20m)
- DC Output Power Cable (7m)



The VGPU-28-1200 is a robust ground power unit (GPU) designed for mainly aviation applications, providing 28V DC output with up to 1200A of continuous current. It operates with a 3-phase 400VAC input, delivering reliable and robust performance for industrial environments. The unit operates at 47-63Hz, offering reliable performance under high load conditions. It supports modular use with 12 power modules, offering hot-swap capability. It supports seamless module replacements even during operation.



The GPU also comes equipped with a CAN communication interface for advanced system integration and control. Its stainless steel construction ensures durability, and the unit includes easy-to-access panel for efficient maintenance. The design features AC/DC digital meters, adjustable output voltage and current settings, emergency stop functionality, and additional safety features such as fault warning lights. With dimensions of 70.8cm x 80.9cm x 97.9cm and weighing 140 kg, it is built to be both portable and rugged, suitable for harsh environments.