

NuPrime SiGa Power75

High-Performance 75W AC-to-DC Power Supply - Specification Sheet

Overview

The NuPrime SiGa Power75 is a high-efficiency AC-to-DC power adapter designed for precision audio, network, and other low-noise electronics. Its hybrid Silicon Carbide (SiC) and Gallium Nitride (GaN) architecture supplies regulated 12V and 5V DC power with fast transient response and low switching noise.

Common-Mode Active Noise Cancellation (CM-ANC) suppresses EMI/RFI across the output and feedback paths, while bronze RF shielding helps isolate the GaN power module. A front-panel display provides real-time voltage, current, and wattage readings, with DIM and ANC controls for convenient operation.

Key Features

- 75W maximum output power
- Hybrid SiC and GaN power-conversion architecture
- Up to 93% conversion efficiency at 12V/5A output
- Regulated 12V and 5V DC outputs
- CM-ANC active common-mode noise cancellation
- Typical 12V ripple below 1mVrms with ANC enabled
- GaN switching frequency above 500kHz
- Bronze-shielded RF isolation
- Real-time voltage, current, and wattage display
- Suitable for DACs, streamers, network switches, routers, reclockers, and digital processors

Specifications

Maximum Power	75W
DC Outputs	12V DC and 5V DC
12V Connector	5.5 x 2.5mm DC
5V Connector	USB Type-A
Efficiency	93% at 12V/5A output
Ripple & Noise	<2.5mVrms, 10Hz-110kHz audio range
Typical 12V Ripple	<1mVrms (ANC On); 2.5mVrms (ANC Off)
Switching Speed	>500kHz range via GaN FETs
Product Dimensions	6.69" W x 3.74" L x 2.36" H (170 x 95 x 60mm)
Product Weight	2.20 lbs. (1kg)
Package Dimensions	8.27" W x 5.91" L x 3.74" H (210 x 150 x 95mm)

Package Weight	3.53 lbs. (1.6kg)
Included Accessories	2 DC cables, 1 AC power cord, 4 self-adhesive rubber feet
Warranty	One Year

Compiled from the official NuPrime SiGa Power75 product page. This is a retailer-prepared specification sheet, not an official NuPrime owner's manual.

Official source: <https://nuprimeaudio.com/product/siga-power75/>