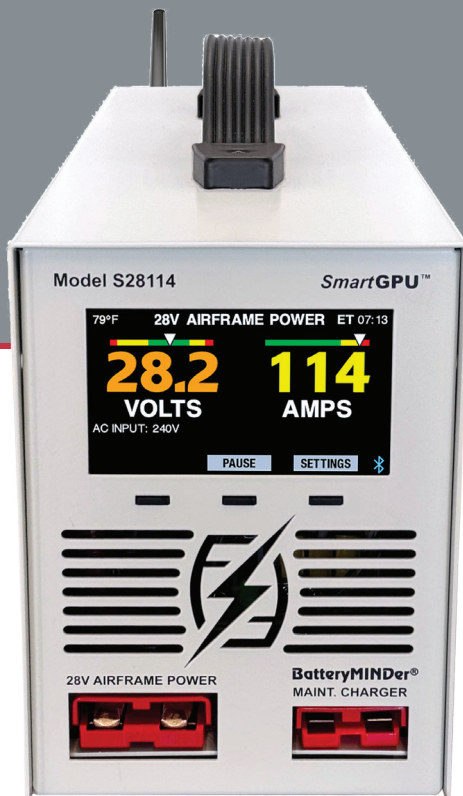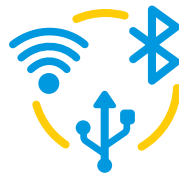Model S28114

Smart**GPU**™
Smart Ground Power Series

A Breakthrough in Safe, Clean, Affordable Airframe Power
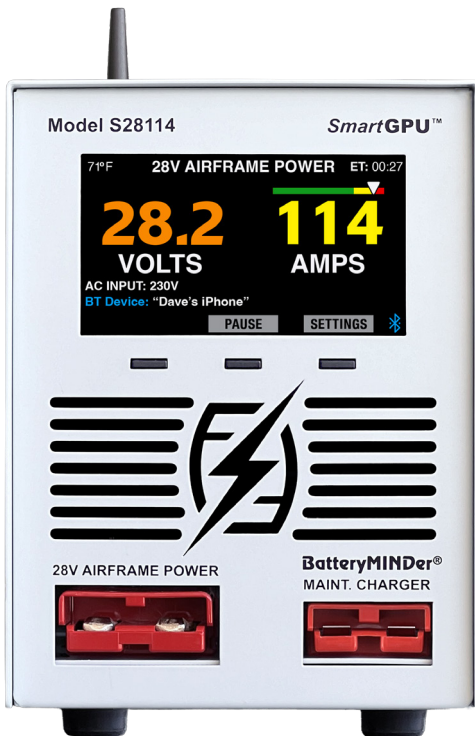

- *Powered preflight and battery top-off*
- *Flight deck software and database updates*
- *Cockpit familiarization and training*
- *Systems troubleshooting and maintenance*
- *Battery maintenance charging (optional)*

Designed for the needs of a wide range of general aviation aircraft, from piston-powered to mid-size business jets, the SmartGPU™ sets a new standard in power, control, safety, and convenience. The White Lightning *Smart*GPU™ is unique with its advanced user interface, remote operation and control via a mobile device app, and its option for full-time battery maintenance charging.

Two 28V models of the *Smart*GPU™ will be offered with similar features and capabilities, differing primarily in maximum current output. The Model S28114 will provide up to 114 amperes of 28VDC power and meets the demanding needs of turboprop and business jet operators, offering a compact, lightweight design without compromising on power. The Model S28054 provides all the same features and up to 54 amperes at 28VDC, generally well-suited for piston powered aircraft. Both models come complete with heavy-duty output cables and input cord sets.

240V input adapter with 50ft extension cord

Bright Color display with Dual output meters

Mobile app via wi-fi or Bluetooth

120V input cord

Detachable aircraft External power cable

BatteryMINDer® Charger-Desulfator (optional)

Model S28114 — *Smart*GPU™

71ºF 28V AIRFRAME POWER ET: 00:27

28.2 VOLTS **114** AMPS

AC INPUT: 230V
BT Device: "Dave's iPhone"

PAUSE SETTINGS

28V AIRFRAME POWER

BatteryMINDer®
MAINT. CHARGER

*Smart*GPU™ by Audio Authority® Corp. Assembled in Lexington, KY USA

ANTENNA

MANUAL USB
DATA
POWER

www.WhiteLightningGPU.com • 859-233-4599
MODEL:
S28114 SmartGPU
Input: Universal 85-264VAC, 47-63Hz
Output: 14.25VDC, 114A Max. Cont.
SN: S28114 0824 12003a000850315059353120

U.S. patents granted and pending.

What Sets the SmartGPU Apart:

- *Intelligent Connectivity: Utilizing Bluetooth® and Wi-Fi® technology, operators can remotely monitor and control the SmartGPU™ using an iOS and Android-compatible mobile app, providing unprecedented flexibility and convenience.*
- *Advanced Metering: Equipped with a 4" TFT display, the SmartGPU™ provides real-time digital output metering and operational information, empowering users with precise data at their fingertips.*
- *Enhanced Power: With models ranging from 54A to 114A at 28 volts, the SmartGPU™ delivers robust and reliable power, catering to a wide range of aircraft, from piston-powered planes to mid-sized business jets.*
- *Future-Ready Design: Built with scalability and longevity in mind, the SmartGPU™ is designed to adapt to future technological advancements, ensuring continued relevance and performance for years to come.*

Features

- *Universal, worldwide AC input compatibility with provided cables*
- *Graphical, color display with large digital volt/amp output meters*
- *Rugged, heavy-gauge aircraft cable with AN2551 external power plug*
- *Multiple aircraft/operator profiles with event logging*
- *USB ports for data downloads, firmware upgrades, and device charging*
- *Programmable auto-shutdown timer to prevent inadvertent unattended GPU operation*

Options

Available in two models: a 3200W unit (114A @ 28 volts) and a 1500W unit (54A at 28 volts), both share a common chassis and feature set.

There are several cable options depending on power and aircraft connection requirements, and a 10-amp integrated BatteryMINDer Maintenance Charger option with output cable and battery wiring kit.

Cables included with S28114:

- 10' 115V NEMA 5-15 AC line cord
- 50' extension cord (L6-20 locking plug) with 230V pigtail
- 8' output cable with 3-pin AN2551 plug

Cables included with S28054:

- 115V AC input cord
- 8' output cable with 3-pin AN2551 plug

USA DESIGNED & ASSEMBLED