COMPUWARE
— TECHNOLOGY INC. —

Titanium 96%
POWER EFFICIENCY



Power More, Waste Less

Less Energy Waste. Less Heat. Lower Operating Costs.

As AI, high-performance computing (HPC), and cloud infrastructure continue to grow, every watt matters. Compuware's high-efficiency power supply solutions help businesses get more from every watt of electricity while supporting reliable, high-density computing environments.

With 80 PLUS Titanium-certified power supplies delivering up to 96% conversion efficiency, Compuware helps you optimize energy use, reduce heat, and build more energy-efficient IT infrastructure.

WHY TITANIUM? MORE POWER. LESS WASTE.

Compuware's 80 PLUS Titanium power supplies deliver up to 96% conversion efficiency, significantly reducing wasted electricity and the heat generated during power conversion.

See the difference at a 2,000W output load per PSU:

Power Comparison	Standard Efficiency (80%)	Titanium Efficiency (96%)
Useful power delivered	2,000W	2,000W
Power drawn from grid	2,500W	2,083W
Energy lost as heat	500W	83W
Power saved per PSU	—	**≈ 417W**

SAME POWER OUTPUT. 17% LESS ELECTRICITY.
UP TO 83% LESS ENERGY LOST AS HEAT.

THE SAVINGS ADD UP. THE IMPACT IS GLOBAL.

Deployment Scale	Power Savings	Annual Energy Savings
1 PSU	≈ 417W	≈ 3,650 kWh
1 server (4 PSUs)	≈ 1.67kW	≈ 14,600 kWh
1 datacenter with 100 servers	≈ 166.7kW	≈ 1.46 million kWh
2026 server shipment – globally	≈ 5.0GW	≈ 43.8 billion kWh
Till 2026, global active servers	≈ 84.3GW	**≈ 730.6 billion kWh**

730.6 BILLION kWh SAVED ANNUALLY.

Equivalent to nearly the combined annual electricity consumption of Germany and the UK.

APPROX. US$87.7 BILLION IN POTENTIAL ANNUAL ELECTRICITY COST SAVINGS.

*Illustrative estimate based on US$0.12/kWh. Actual savings vary by electricity tariffs, operating loads, and usage patterns.

*Estimates assume a continuous 2,000W output load per PSU, comparing 80% and 96% conversion efficiency over 8,760 operating hours per year. Global active-server estimate assumes approximately 50 million servers, each equipped with four PSUs. Figures represent theoretical energy-saving potential, not actual measured industry-wide savings.

MAKE POWER BENEFITS FOR YOUR BUSINESS

Choose Compuware Titanium PSUs



Lower Energy Consumption

Reduce electricity drawn from the grid and ease the load on facility power infrastructure.

Substantial OpEx & Bill Reduction

Eliminating unneeded kilowatt draw cuts electricity bills and improves long-term total cost of ownership (TCO).

System Stability & Hardware Longevity

Reduces thermal stress, cooling demands, and fan noise while extending component lifespans.

Greener IT Footprint

Lower electricity consumption and associated carbon emissions to support corporate ESG goals.

Prepare for Next-Generation

Meet the growing power demands of AI, cloud, enterprise, and high-performance computing systems.

Strict Regulatory Compliance

Meet increasingly demanding power-efficiency expectations and support evolving regulatory requirements.

DESIGN FOR DEMANDING APPLICATIONS.

Your Requirements, Our Expertise

- AI & Machine Learning Systems
- High-Performance Computing (HPC)
- Enterprise and Cloud Service
- High-Speed Network Switches & Routers
- Edge Computing and Industrial PCs (IPC)
- 5G and Telecommunications Solutions

LET'S MAKE EVERY WATT WORK HARDER.

Titanium & Ruby Power Solutions by Compuware



Compuware offers a broad portfolio of high-efficiency power supply solutions, including 63 Titanium-grade PSU models ranging from 860W to 6,600W, alongside Ruby-grade solutions delivering up to 96.5% power conversion efficiency.

Whether upgrading existing infrastructure or developing your next-generation platform, Compuware delivers the power solutions to help you achieve greater efficiency and performance.

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