

HPE Advanced Power Manager

Smart and optimal solution to manage racks in your data center



HPE Advanced Power Manager

Supported servers

- HPE Apollo 2000 System
- HPE Apollo 4000 System
- HPE Apollo 6000 System
- Integrated into the HPE Apollo 8000 System Manager
- HPE Moonshot 1500 System
- HPE ProLiant SL Scalable System¹

Simplify and save time and energy with this hardware/software combination for rack and shared infrastructure management, designed for density-optimized environments.

Despite constant pressure to do more with less, most data centers rarely run at full capacity. And even though server power management can significantly reduce the energy consumption of idle servers, it remains an untapped opportunity for improving data center efficiency.

The HPE Advanced Power Manager is a rack-level hardware and software solution that allows you to manage power without compromises. It automatically discovers hardware components and enables server metering, aggregate dynamic power capping, configurable power-up dependencies and sequencing, consolidated Ethernet access to all resident HPE Integrated Lights-Out (iLO) Management, and asset management capabilities.

By collecting real-time operating data from power distribution units and consolidating it with server utilization data, it provides the visibility you need to identify stranded power capacity and enable safe and effective use of shared server infrastructure. And that allows you to significantly reduce total data center energy consumption. The benefits of this approach are many.

- Get a single management view—See and manage shared infrastructure, server, chassis, and rack-level power from a single console.
- Simplify and save—Avoiding spend on serial concentrators, adaptors, cables, and switches can save you more than 90 percent in purchase costs.²

- Flexible to meet workload demands—Dynamic power allocation and capping capabilities keep you agile.
- Save valuable data center space—The small 1U unit can be mounted inside, on the top, or on the side of the rack so you can determine the best use of data center space.

You can further enhance your power savings and efficiency in hyperscale environments with these complementary HPE solutions.

HPE Power Advisor

This easy-to-use tool allows you to accurately estimate data center power requirements for your HPE server and storage configurations at the system, rack, and multi-rack level.

HPE Insight Cluster Management Utility

An efficient, easy-to-use, and robust utility for the management of high-performance computing (HPC) and hyperscale clusters, which supports multiple **TOP 500** supercomputer sites.

HPE iLO Management

Performs Active Health and Agentless Management, allowing extensive monitoring without impacting performance.

¹ Backwards compatible to HPE Gen8 SL Scalable Systems (SL2500, SL4500, SL6500)

² Internal HPE estimate

Resources

hp.com/go/scalable
hp.com/go/hpc
hp.com/go/apollo
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Optimize your IT investment strategy with new ways to acquire, pay for, and use technology, in lock-step with your business and transformation goals.

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Technical specifications

| HPE Advanced Power Manager | | |
|--|---|--|
| Form factor | 1U | |
| Chassis dimensions (H x W x D) | 1.625" x 8.25" x 13" (4.128 x 20.95 x 33.02 cm) | |
| Weight (approximate) | 9 lb (4 kg) | |
| Input requirements (per power supply) | Rated line voltage | 100 to 240 VAC |
| | Rated input current | 1.0 A at 115 VAC 1.0 A at 230 VAC |
| | Rated input frequency | 50 to 60 Hz |
| | Rated input power | 12 W (at 100 VAC) 12 W (at 200 VAC) |
| Power specifications | To review typical system power ratings use the HPE Power Advisor, which is available via the online tool located at: hp.com/us/en/products/servers/solutions.html?compURI=1439951 653.10 W (at 100 VAC) 653.08 W (at 200 VAC) | |
| Warranty (parts/labor/ onsite support) | 1/1/1 | |

Learn more at
hp.com/go/advancedpowermanager



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