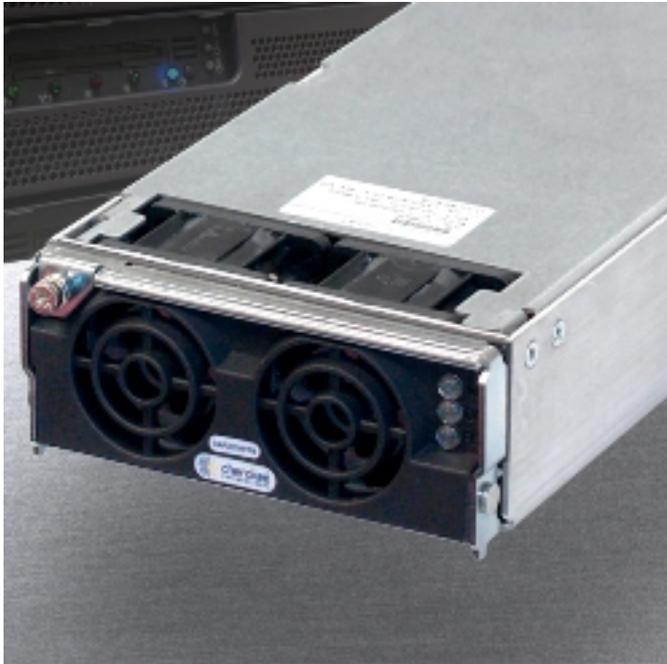


## Rectifier Delivers 2,000 W for Front-End Apps



PLANO, TX - Lineage Power Corporation, a Gores Group company, today announced a 2,000-W CAR2024FP front end intended for 24-V and 28-V applications including cellular base stations, RF power amplifiers, industrial motors and relays, automated test equipment, and more. The latest product introduced under the Lineage Power Total Efficiency architecture, the CAR2024FP can achieve 90 percent efficiency at 100 percent of load to meet and exceed application-orientated efficiency standards such as the 80 Plus Bronze Standard, ENERGY STAR, and other energy certifications. The Total Efficiency architecture is an end-to-end approach designed to help organizations go green to save green while achieving their sustainability objectives through cost-effective, end-to-end solutions that are safe, reliable and energy efficient.

Porting its expertise from other industries to the development of this front end, Lineage Power has made this rectifier a high-density unit supplying 25W per cubic inch in just 1 rack unit. Purpose-built for OEM applications, the Cherokee by Lineage Power CAR2024FP includes an advanced feature set such as automatic fan speed control and full I2C communications—providing intelligent monitoring and control of critical parameters.

The CAR2048FP small form factor is ideal for space-constrained applications where system real estate is at a premium. Measuring 1.65 by 4 by 14.25 inches, the unit delivers 83 A at 24V, and has an output voltage range from 21 V to 29 V. Up to four units can be mounted side-by-side on a standard 19-inch rack shelf to deliver 8,000W (or 6,000W with N+1 redundancy) in 1U. Protection features on the rectifier include input over and under voltage, output over voltage, over temperature and over current. A matching system shelf, the ACE204, will be available to fit industry standard 19-inch cabinets. The ACE204 is a 4-bay redundant, hot-swap

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configuration offering scalability up to 8,000W.

“We have transferred our power-design expertise from datacom and telecom to bring a feature-rich power rectifier to the industrial, base station and RF amplifier markets,” said Mike Wagner, vice president and general manager for Lineage Power’s Embedded OEM division. “This CAR2024FP front end provides the market the flexibility of both a 24 and 28 volt unit in one design with the added capabilities of intelligent monitoring and control of critical parameters.”

Available immediately, the Lineage Power CAR2024FP is available at \$370 for OEM quantities.

[www.lineagepower.com](http://www.lineagepower.com) [1]

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