



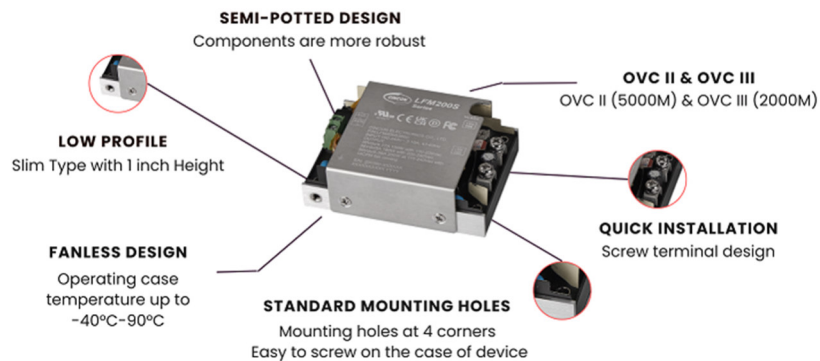
Cincon Releases:

LFM200S Series, New 200W Fanless 1" Low Profile Power Supply

The debut of the LFM200S Series represents a significant leap forward in power supply technology. With an impressive 200W output power packed into a compact frame measuring just 3.09" x 2.28" x 1", this series sets a new standard for efficiency. Its innovative design, featuring a semi-potted chassis and baseplate-cooled configuration, ensures exceptional performance in a variety of scenarios. With a sleek 1-inch profile, it offers a powerful yet space-saving solution. Its wide input compatibility, ranging from 85~264Vac to 115~370Vdc, guarantees versatility across different applications. Offering a selection of output voltages, including 12V, 15V, 24V, 28V, 30V, 36V, 48V, and 54V, the LFM200S Series caters comprehensively to various industry needs.

Furthermore, it is engineered to operate flawlessly at altitudes of up to 5000m, meeting the demands of high-altitude operations. With Over Voltage Category approvals of OVC III (2000m) & OVC II (5000m), this series ensures reliability and safety even in challenging environments.

LFM SERIES



Exceptional Performance:

A notable aspect of the LFM200S Series is its exceptional power density of 28.35W per cubic inch, setting a new standard for efficiency and compact design. What's particularly impressive is its ability to operate without a fan, supporting 180W with an external baseplate measuring 17.78cm x 17.78cm x 0.2cm, and 130W without one. This ensures consistent performance while maintaining low noise levels and effective cooling. Additionally, the LFM200S operates reliably within a wide temperature range from -40°C to +90°C. With efficiency rates peaking at 94%, this series revolutionizes reliability and energy conservation in power supply solutions.



Full Protections:

The LFM200S Series design places a strong emphasis on safety and protection as core components. With a range of robust safeguards including Over Temperature Protection, Over Voltage Protection, and Continuous Short Circuit Protection, this series ensures the resilience and reliability of connected systems. Endorsed by certifications from IEC/EN/UL 62368-1 and complying with EN 55032 and CISPR/FCC Class B standards, users can trust in the safety and integrity of their operations.

Applications:

The adaptability of the LFM200S Series extends across a diverse range of industries and surroundings. From industrial environments to telecom infrastructure, network setups, IPC, battery storage, drones, ROV, substations, marine applications, and challenging robotics environments, this series demonstrates its versatility and durability. Whether it's energizing kiosks, facilitating telecommunications, or advancing robotics, the LFM200S Series is ready to tackle the demands of contemporary technology.

Short Overview:

● ITE/Industrial Baseplate-cooled Open Frame

		Model	Power	Input Voltage	Output Voltage	Features	Dimensions (Inch)
NEW		LFM200S	200W	85-264	12V, 15V, 24V, 28V, 30V, 36V, 48V, 54V	Altitude 5000m Meets EN60335-1 Class I	3.09x2.28x1.00
NEW		LFM300S	300W	85-264	12V, 15V, 24V, 28V, 30V, 48V, 54V	Altitude 5000m Meets EN60335-1 Class I	4.09x2.28x1.00
NEW		LFM420S	420W	85-264	12V, 15V, 24V, 28V, 30V, 36V, 48V, 54V	Altitude 5000m Meets EN60335-1 Class I	5.09x3.29x1.00

● Medical Baseplate-cooled Open Frame

		Model	Power	Input Voltage	Output Voltage	Features	Dimensions (Inch)
NEW		LFM300M	300W	85-264	12V, 15V, 24V, 28V, 30V, 48V, 54V	2 MOPP Altitude 5000m Class I & Class II	4.09x2.28x1.00
NEW		LFM420M	420W	85-264	12V, 15V, 24V, 28V, 30V, 36V, 48V, 54V	2 MOPP Altitude 5000m Class I	5.09x3.29x1.00