

Powering Your Ideas

AC/DC Low Profile Fanless Power Supply

Slim, lightweight, fanless power supply solution
with excellent heat dissipation



Company profile

Established in Taiwan in 1991, Cincon boasts over 33 years of expertise in power supply design solutions. Our products include AC-DC power supplies and DC-DC power converters.

We specialize in creating compact, high-power-density power products, incorporating custom heat dissipation technologies. This ensures our products operate smoothly across a broad temperature range, delivering outstanding power conversion efficiency and maximizing reliability.

With in-house facilities such as the UL WTDP testing laboratory, the 3M compliant semi-anechoic test chamber, and HALT machines for product limitation & reliability testing and certification, we offer significant advantages to support our customers. This enables them to accelerate their development process.

Our R&D and FAE teams are dedicated to supporting customers by closely catering to the end-user and applications. This customer-centric approach has enabled us to support projects in deploying systems across diverse sectors including industrial automation, telecommunications, networking, automotive, healthcare, public transportation, instrumentation, and defense. With a global presence spanning five continents and represented by over 50 esteemed local agents and distributors, we serve a customer base of over 300 worldwide.

Our advantages

33 years
of power design expertise

Providing customized services
with standard quality

High power density and excellent heat
dissipation performance

UL WTDP certification laboratory



3M Compliant Semi-Anechoic Test Chamber

Achievements in Advanced Technological Breakthroughs

1991

Establishment of the company

1997

Initiated design and manufacturing of AC-DC power supplies

2010

Launch of a complete series of railway application DC-DC converters

2012

Release of the first 8:1 wide-input DC-DC brick module

2017

Launch of AC-DC power supply series with peak power reaching 200%

2022

Release of high-efficiency, slim-profile AC-DC power supply series

1992

Commenced design and manufacturing of DC-DC converters

2000

Introduction of DC-DC brick power modules

2011

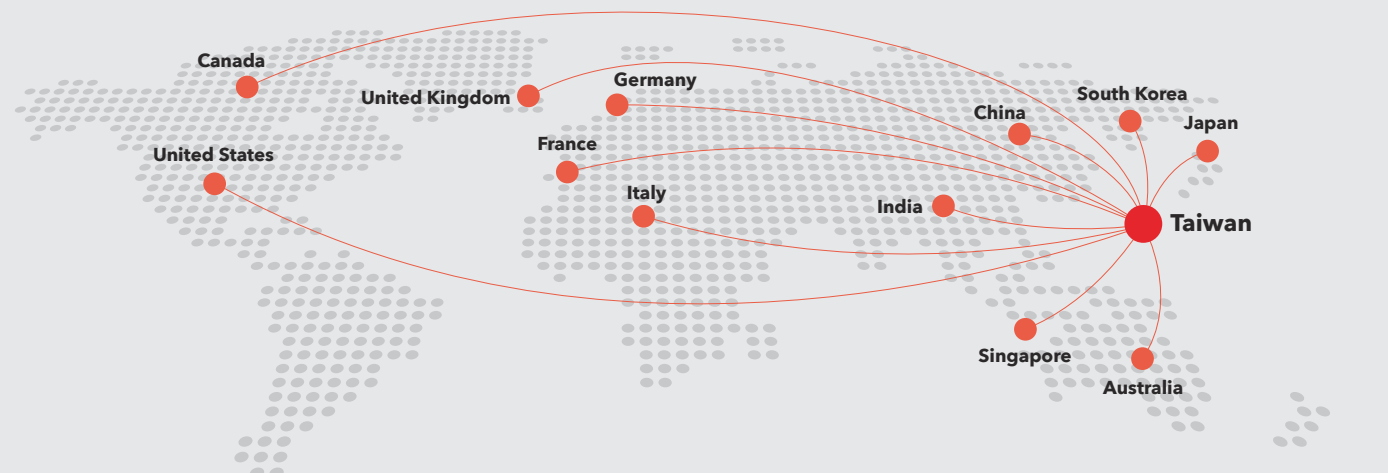
Adoption of baseplate conduction cooling in AC-DC power supplies

2013

Introduction of the world's first AC-DC brick module with built-in EMI filters

2019

Introduction of the world's first 18:1 wide-input DC-DC module



AC-DC LFM Series



Power range
From 200W to 750W



DC Input
115-370Vdc



Featuring an ultra-slim design
With a mere 1-inch height (25.4mm)



High Efficiency
Up to 95%



The operating case
temperature range
Extends from -40°C to 90°C



Operating Altitude
5000m



Semi-potted design
Enhances product reliability
For fanless and harsh environments













EMI Class B
Solution



Approval
IEC/UL/EN 62368-1
IEC/EN/UL 60601-1
2 MOPP



OVC II & OVC III
Surge L-N 2kV L &
N-G 4kV

Series	Power (Watts)	Input Voltage	Output Voltage	Efficiency	Features	Dimensions (inch)
Industrial Power Supply (IEC/UL/EN 62368-1)						
	LFM200S	200W	85~264Vac 115~370Vdc	12V, 15V, 24V, 28V, 30V, 36V, 48V, 54V	94%	Low Profile OVC II & OVC III Class I 3.09x2.30x1.0
	LFM300S	300W	85~264Vac 120~370Vdc	12V, 15V, 24V, 28V, 30V, 48V, 54V	94%	Low Profile OVC II & OVC III Class I 4.09x2.28x1.0
	LFM420S	420W	85~264Vac 120~370Vdc	12V, 15V, 24V, 28V, 30V, 36V, 48V, 54V	94.5%	Low Profile OVC II & OVC III Class I 5.09x3.29x1.0
	LFM550S	550W	85~264Vac 115~370Vdc	12V, 15V, 24V, 28V, 30V, 36V, 48V, 54V	95%	Low Profile OVC II & OVC III Class I 5.09x3.29x1.0
	LFM750S	750W	85~264Vac 120~370Vdc	12V, 15V, 24V, 28V, 30V, 48V, 54V	94%	Low Profile OVC II & OVC III Class I 6.09x3.29x1.0
Medical Power Supply (IEC/EN/UL 60601-1)						
	LFM200M	200W	85~264Vac 115~370Vdc	12V, 15V, 24V, 28V, 30V, 36V, 48V, 54V	94%	Low Profile 2MOPP Class I & II 3.09x2.30x1.0
	LFM300M	300W	85~264Vac 120~370Vdc	12V, 15V, 24V, 28V, 30V, 48V, 54V	94%	Low Profile 2MOPP Class I & II 4.09x2.28x1.0
	LFM420M	420W	85~264Vac 120~370Vdc	12V, 15V, 24V, 28V, 30V, 36V, 48V, 54V	94.5%	Low Profile 2MOPP Class I 5.09x3.29x1.0
	LFM550M	550W	85~264Vac 115~370Vdc	12V, 15V, 24V, 28V, 30V, 36V, 48V, 54V	95%	Low Profile 2MOPP Class I & II 5.09x3.29x1.0
	LFM750M	750W	85~264Vac 120~370Vdc	12V, 15V, 24V, 28V, 30V, 48V, 54V	94%	Low Profile 2MOPP Class I & II 6.09x3.29x1.0

AC-DC Brick Power Supply



Industrial



Telecom



Server



IPC



Defense



Automation



Power range
From 70W to 750W



Ultra-thin design
With a minimum height of
only 0.5 inches (12.7mm)



High Efficiency
Up to 96.5%



Suitable for fanless operation
and harsh environments
Operating case temperature range
from -40°C to 100°C



Operating Altitude
5000m










The CBM series
features built-in
EMI Class B solutions



Approval
IEC/UL/EN 62368-1



Meets MIL-STD-461F
CE101/CE102/RE101
(PDF700S)

Series		Power (Watts)	Input Voltage	Output Voltage	Efficiency	Features	Dimensions (inch)
	CBM70S	70W	90~264Vac 127~370Vdc	12V, 24V, 36V, 48V	89.5%	Low Profile Wide Operating Temp. Built-in EMI Filter & Capacitor Class I	2.28x2.40x0.67
	CBM101S	100W	90~264Vac 120~370Vdc	12V, 24V, 28V, 36V, 48V	94.5%	Low Profile Wide Operating Temp. Built-in EMI Filter & Capacitor Class I	4.60x2.40x0.67
	CBM150S	150W	90~264Vac 120~370Vdc	12V, 24V, 28V, 36V, 48V, 54V	93%	Low Profile Wide Operating Temp. Built-in EMI Filter & Capacitor Class I	4.60x2.40x0.78
	CBM300S	300W	90~264Vac 120~370Vdc	12V, 15V, 24V, 28V, 36V, 48V, 54V	94%	Low Profile Wide Operating Temp. Built-in EMI Filter & Capacitor Class I	4.60x3.35x0.78
	PDF700S	700W	90~264Vac	12V, 24V, 28V, 48V, 56V	91.5%	Low Profile Wide Operating Temp. Class I	4.60x2.40x0.50
	PDF700 CMFC (D/D-P)	700W	90~264Vac	12V, 24V, 28V, 48V, 56V	91.5%	Screw Terminal Built-in Filter Parallel Available Class I	CMFC: 9.45x4.33x1.587 CMFD (D-P): 9.45x4.33x1.654
	PFC750	750W	90~264Vac	390V	96.5%	Low Profile Active PFC Wide Operating Temp. Class I	2.28x2.40x0.50