



Powering Your Ideas

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# AC/DC Low Profile Fanless Power Supply

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



# Company profile

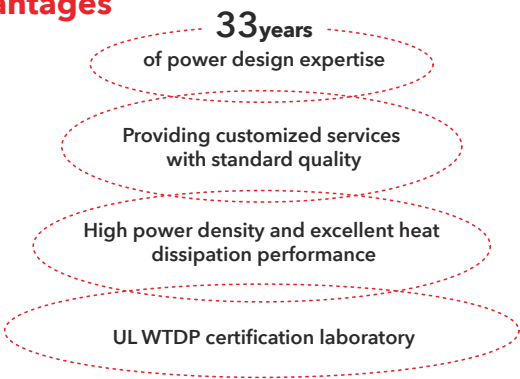
Established in Taiwan in 1991, Cincon boasts over 33 years of expertise in power supply design solutions. Our products include AC-DC power supplies and DC-DC power converters.

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.

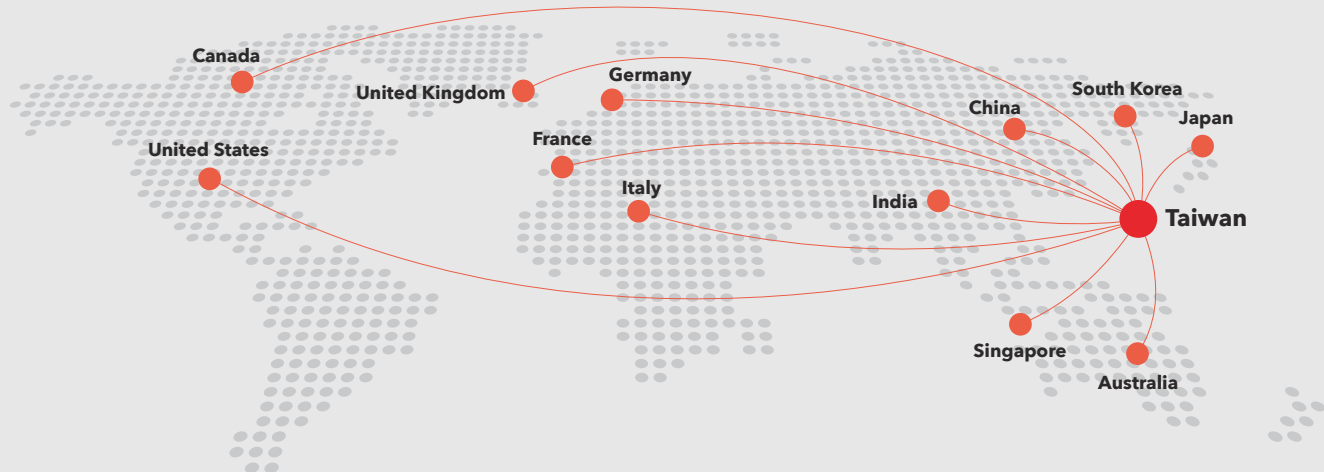
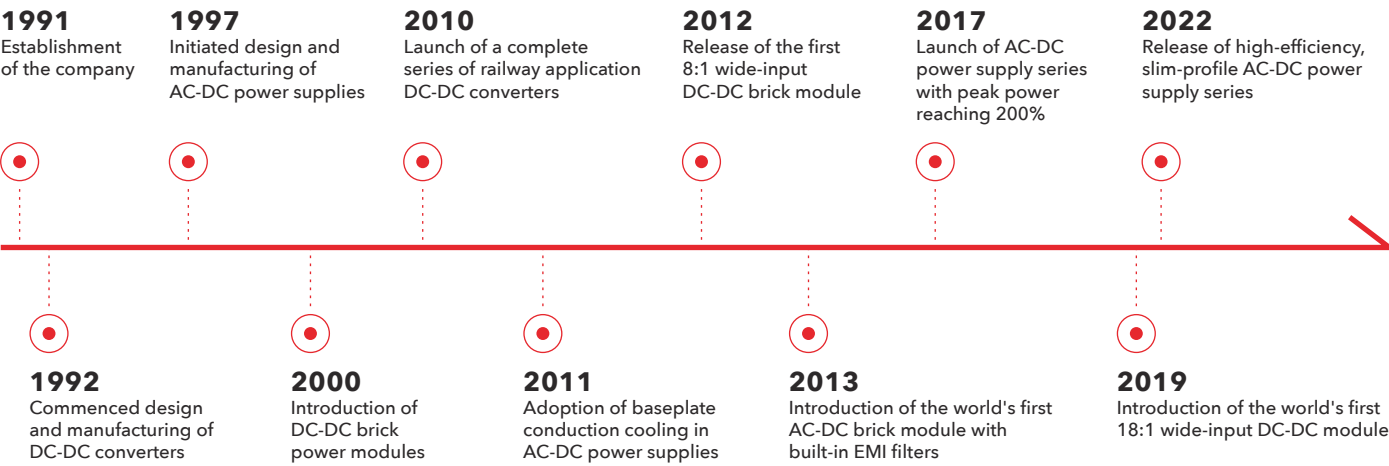
Our R&D and FAE teams are dedicated to supporting customers by closely catering to the end-user and applications. This customer-centric approach has enabled us to support projects in deploying systems across diverse sectors including industrial automation, telecommunications, networking, automotive, 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



3M Compliant Semi-Anechoic Test Chamber

## Achievements in Advanced Technological Breakthroughs



# AC-DC LFM Series



Industrial



Telecom



Server



IPC



Medical



Automation



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 )
<b>Industrial Power Supply (IEC/UL/EN 62368-1)</b>						
 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
<b>Medical Power Supply (IEC/EN/UL 60601-1)</b>						
 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



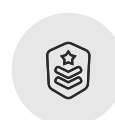
Operating Altitude  
5000m










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