



Product Selection Guide

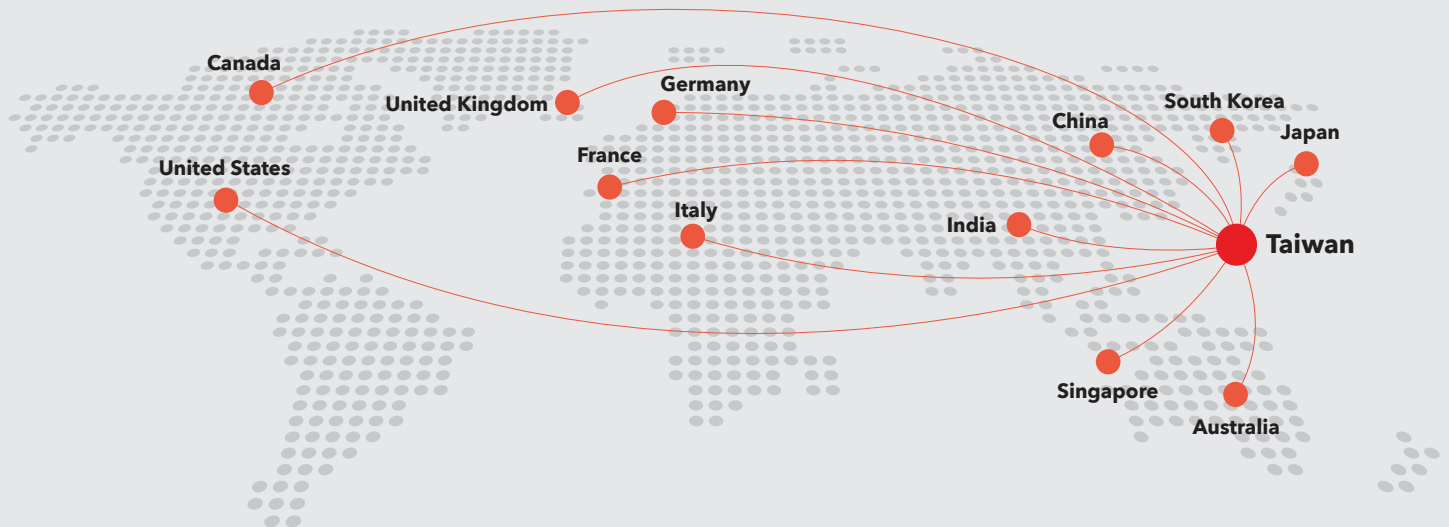
DC-DC Converters

AC-DC Power Supplies

Cincon Electronics



Powering Your Ideas



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.



3M Compliant Semi-Anechoic Test Chamber

Our Advantages

33+ years
of power design expertise

Providing customized services

High power density and excellent heat
dissipation performance

UL WTDP certification laboratory

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

New
Product

CB

IEC/EN/UL 62368-1



Non-isolated DC-DC Converter 0.666A-5A

Series	Output Power	Input Voltage (Vdc)	Output Voltage (Vdc)										Eff.	Package / Dimension (inch)
			Single											
			1.8V	2.5V	3.3V	5V	9V	12V	15V	24V	48V	54V		
 EC5A	0.666-2A	4.7~6V 9~32V 16~32V 19~32V			•	•		•	•				94%	1.25x0.80x0.40 (DIP) 1.25x0.80x0.45 (SMD)
 NCS01W8 	1A	6~72V 8~72V 12~72V 15~72V 18~72V 28~72V			•	•	•	•	•	•			95%	0.69x0.48x0.34 (DIP)
 SMT05-12	5A	8.3~14V	0.75-5V										92%	0.80x0.450x0.24 (SMT)



SIP Package 1W-2W Unregulated

Series	Output Power	Input Voltage (Vdc)	Output Voltage (Vdc)																	Eff.	Isolation Voltage	Package / Dimension (inch)
			Single											Dual					Tri.			
			1.8V	2.5V	3.3V	5V	12V	15V	24V	28V	48V	54V	±5V	±12V	±15V	±24V	Other					
 EC1TAN	1W	4.5~5.5V 10.8~13.2V 21.6~26.4V				•	•	•											82%	1000Vdc	0.46x0.24x0.40 (SIP4) 0.46x0.30x0.40 (SIP4-24Vin)	
 EC1SAN														•	•	•				83%	1500Vdc	0.77x0.24x0.40 (SIP7) 0.77x0.28x0.40 (SIP7-24Vin) 0.54x0.36x0.29 (SMD-Single) 0.64x0.36x0.29 (SMD-Dual)
EC2SAN	2W																		86%	1000Vdc	0.77x0.28x0.40 (SIP7)	
EC2SANH																				88%		3000Vdc

SIP Package 2W-10W Regulated

Series	Output Power	Input Voltage (Vdc)	Output Voltage (Vdc)																Eff.	Isolation Voltage	Package / Dimension (inch)		
			Single										Dual									Tri.	
			1.8V	2.5V	3.3V	5V	12V	15V	24V	28V	48V	54V	±5V	±12V	±15V	±24V	Other						
	EC2SA	2W	4.5~9V 9~18V 18~36V 36~75V																84%	1500Vdc	0.86x0.36x0.44 (SIP8)		
	EC3SA																		86%				
	EC3SAW	3W	9~36V 18~75V																85%	1500Vdc			
	EC3SAWH		9~36V 18~74V			●	●	●	●				●	●	●				84.5%	3000Vdc			
	EC4SAW	6W	9~36V 18~75V																	89%		1500Vdc	
	EC4SAWH		9~36V 18~74V																	87.5%		3000Vdc	
	EC5SAW	10W	9~36V 18~75V																		89.5%	3000Vdc	0.87x0.37x0.47 (SIP8)

New
Product

IEC/EN/UL 62368-1



DIP 16 / DIP 24 / SMD 24 Package 3W-15W

Series	Output Power	Input Voltage (Vdc)	Output Voltage (Vdc)															Tri.	Eff.	Isolation Voltage	Package / Dimension (inch)	
			Single										Dual									
			1.8V	2.5V	3.3V	5V	12V	15V	24V	28V	48V	54V	±5V	±12V	±15V	±24V	Other					
	EC3A	4.5~6V 9~18V 18~36V 36~72V																	82%	500/ 1500/ 3000Vdc	1.25×0.80×0.40 (DIP24) 1.25×0.80×0.45 (SMD24)	
	EC3AB	9~18V 18~36V 36~72V				•	•	•		•				•	•	•			80%		1.25×0.80×0.50 (DIP24) 1.25×0.80×0.55 (SMD24)	
	EC3A-E	4.5~9V 9~18V 18~36V 36~72V																	87%		1.25×0.80×0.40 (DIP24) 1.25×0.80×0.45 (SMD24) 1.25×0.80×0.41 (SMD24)	
	EC3AW	9~36V 18~72V				•	•	•	•					•	•	•			77%		1.25×0.80×0.40 (DIP24) 1.25×0.80×0.45 (SMD24)	
	EC3AE	5V, 12V, 24V, 28V, 48V					•	•	•						•	•			61%	500Vdc	1.25×0.80×0.40 (DIP24) 1.25×0.80×0.45 (SMD24)	
		EC4DAW		9~36V 18~74V				•	•	•	•						•	•			87%	3000Vdc
	EC4A																		84%	500/ 1500/ 3000Vdc	1.25×0.80×0.40 (DIP24) 1.25×0.80×0.45 (SMD24)	
	EC4AB	9~18V 18~36V 36~72V																1.25×0.80×0.50 (DIP24) 1.25×0.80×0.55 (SMD24)				
	EC4A-E					•	•	•	•					•	•	•			87%		1.25×0.80×0.40 (DIP24) 1.25×0.80×0.45 (SMD24) 1.25×0.80×0.41 (SMD24)	
	EC4AW	9~36V 18~72V																	83%	1500/ 3000Vdc	1.25×0.80×0.40 (DIP24) 1.25×0.80×0.45 (SMD24)	
	EC4AW-H6	5-6W	9~36V 18~72V					•	•							•	•			85%	6000Vdc	1.25×0.80×0.40 (DIP24)



New Product



Ultra-wide Input



Railway



Defense



cWUS



UK CA

IEC/UL/EN 62368-1
EN 50155, EN 45545-2

DIP 16 / DIP 24 / SMD 24 Package 3W-15W

Series	Output Power	Input Voltage (Vdc)	Output Voltage (Vdc)															Tri.	Eff.	Isolation Voltage	Package / Dimension (inch)	
			Single											Dual								
			1.8V	2.5V	3.3V	5V	12V	15V	24V	28V	48V	54V	±5V	±12V	±15V	±24V	Other					
EC6A 	7.5W	9~18V 18~36V 36~72V				•	•	•	•					•	•	•				87%	1500Vdc	1.25x0.80x0.40 (DIP24) 1.25x0.80x0.45 (SMD24)
EC6AW 	8W	9~36V 18~75V																	86%			
EC5DAW 	10W	9~36V 18~74V				•	•	•	•						•	•				89%	3000Vdc	0.95x0.54x0.39 (DIP16)
EC6AW-110 		43~160V				•	•	•	•					•	•	•				88.5%	3000Vdc	1.25x0.80x0.50 (DIP24)
EC7A 		9~18V 18~36V 36~75V		•	•	•	•	•							•	•				89%	1500Vdc	1.25x0.80x0.40 (DIP24) 1.25x0.80x0.45 (SMD24)
EC7AW 		9~36V 18~74V			•	•	•								•	•				89%	3000Vdc	1.25x0.80x0.40 (DIP24)
EC7AW18 		8.5~160V				•		•						•	•	•				88%	Reinforced 3000Vac	1.25x0.80x0.50 (DIP24)
EC8AW 		15W	9~36V 18~75V			•	•	•	•						•	•				90%	1500Vdc	1.25x0.80x0.40 (DIP24)

1"x1" Package 10W-30W

Series	Output Power	Input Voltage (Vdc)	Output Voltage (Vdc)																Eff.	Isolation Voltage	Package / Dimension (inch)	
			Single											Dual				Tri.				
			1.8V	2.5V	3.3V	5V	12V	15V	24V	28V	48V	54V	±5V	±12V	±15V	±24V	Other					
	EC2SB	10W	4.7~9V 9~18V 18~36V 36~75V			•	•	•	•					•	•	•				87%	1500Vdc	1.00x1.00x0.40 (DIP)
	EC2SBW		9~36V 18~75V																86%	1.00x1.00x0.36 (SMD)		
	EC2SBW-H 		9~36V 18~74V			•	•	•	•					•	•				89%	3000Vdc	1.00x1.00x0.40 (DIP)	
	EC3SB	15W	9~18V 18~36V 36~75V			•	•	•	•					•	•	•				90%	1500Vdc	1.00x1.00x0.40 (DIP)
	EC3SBW		9~36V 18~75V																88%	1.00x1.00x0.36 (SMD)		
	EC4SBW	20W			•	•	•	•							•	•				90.5%	Reinforced 3000Vac	1.00x1.00x0.40 (DIP)
	 EC4SBW18  		8.5~160V				•	•	•	•						•	•			88%		
EC5SBW 	30W		9~36V 18~75V			•	•	•	•							•	•			90%		

New
ProductUltra-wide
Input

Railway

IEC/UL/EN 62368-1
EN 50155, EN 45545-2

2"x1" Package 10W-75W

Series	Output Power	Input Voltage (Vdc)	Output Voltage (VDC)															Tri.	Eff.	Isolation Voltage	Package / Dimension (inch)				
			Single										Dual												
			1.8V	2.5V	3.3V	5V	12V	15V	24V	28V	48V	54V	±5V	±12V	±15V	±24V	Other								
	EC4BE	10W	9~18V 18~36V 36~72V					•	•	•						•	•	•				82%	500Vdc	2.00x1.00x0.40 (DIP)	
	EC4BU		4.7~9V 9~18V 18~36V 36~75V																			87%	1500Vdc		
	EC4BW		9~36V 18~72V																			82%	500Vdc		
	EC5BU	15W	9~18V 18~36V 36~75V				•	•	•	•						•	•	•				90%	1500Vdc		
	EC5BE		9~18V 18~36V 36~72V																			83%	500Vdc		
	EC5BW		9~36V 18~75V																			88%			
	EC7B	20W	9~18V 18~36V 36~75V	•	•	•	•	•	•									•	•						90%
EC7BW 	9~36V 18~75V					•	•	•	•						•	•	•								
EC7BW-110 	43~160V						•	•	•								•	•						3000Vdc	
EC7BW18  	8.5~160V					•	•	•	•									•	•	•					Reinforced 3000Vac
	EC9BW	30W	9~36V 18~75V			•	•	•	•								•	•				92%	1500Vdc	2.00x1.00x0.40 (DIP)	
   	ECB40W18	40W	8.5~160V					•	•	•	•		•	•								90%	Reinforced 3000Vac	2.00x1.00x0.50 (DIP)	
ECLB40W	9~36V 18~75V					•	•	•	•							•	•						91%	1500Vdc	2.05x1.20x0.40 (DIP)
ECLB40W-110 	43~160V					•	•	•	•							•	•	•						3000Vdc	
 	ECLB60W	60W	9~36V 18~75V				•	•	•	•						•	•					92%	1500Vdc		
 	ECLB75W	75W	9~36V 18~75V					•	•	•							•	•	•				92.5%	2250Vdc	



2"x1.6" & 2"x2" & 3"x2" & 3.5"x2.5" Package 15W-45W

Series	Output Power	Input Voltage (Vdc)	Output Voltage (Vdc)																Eff.	Isolation Voltage	Package / Dimension (inch)	
			Single										Dual									Tri.
			1.8V	2.5V	3.3V	5V	12V	15V	24V	28V	48V	54V	±5V	±12V	±15V	±24V	Other					
 EC5C	15W	9~36V 18~72V				•	•	•					•	•	•			5V, ±12V 5V, ±15V	84%	500Vdc	2.00x2.00x0.40 (DIP)	
 DH15W10 		150~1500V				•	•	•	•											86%	4000Vac	3.00x2.00x0.98 (DIP)
 EC1SC	20W	9~36V 18~72V			•	•	•	•					•	•	•				84%	1500Vdc	2.00x1.60x0.45 (DIP)	
 EC6C	30W	9~18V 18~36V 36~72V			•	•	•	•					•	•	•			5V, ±12V 5V, ±15V	88%	500Vdc	2.00x2.00x0.40 (DIP)	
 DH30W10 		150~1500V					•	•	•		•									89%	4000Vac	3.50x2.5x0.98 (DIP)
 EC7C	40W	9~18V 18~36V 36~75V		•		•	•	•						•	•		3.3V, 5V	3.3V, ±12V 3.3V, ±15V 5V, ±12V 5V, ±15V	93%	1500Vdc	2.00x2.00x0.40 (DIP)	
 DH45W10 	45W	150~1500V					•	•	•		•									89%	4000Vac	3.50x2.5x0.98 (DIP)



Eighth Brick Package 100W

Series	Output Power	Input Voltage (VDC)	Output Voltage (VDC)															Eff.	Isolation Voltage	Package / Dimension (inch)	
			Single										Dual								Tri.
			3.3V	5V	12V	15V	24V	28V	32V	36V	48V	54V	±5V	±12V	±15V	±24V	Other				
 CEB100W 	100W	9~40V 16.5~74V		•	•		•					•							91%	3000Vdc	2.45x1.05x0.50 (Eighth Brick)



New Product



Ultra-wide Input



Railway



High input voltage



Defense



cULUS



CE

IEC/UL/EN 62368-1
EN 50155, EN 45545-2

Quarter Brick Package 50W-200W

Series	Output Power	Input Voltage (Vdc)	Output Voltage (Vdc)																Eff.	Isolation Voltage	Package / Dimension (inch)
			Single										Dual					Tri.			
			3.3V	5V	12V	15V	24V	28V	32V	36V	48V	54V	±5V	±12V	±15V	±24V	Other				
 CQE50W	50W	9~36V 18~75V	•	•	•	•	•					•							92%	1500Vdc	2.28×1.45×0.50 (Quarter Brick)
CQB50W8 		9~75V			•	•	•	•				•							91%	Reinforced 3000Vac	
CQB50W12 		14~160V		•	•		•					•							89%	3000Vdc	
CQB60W-110S 	60W	43~160V		•	•	•	•	•				•							92%	3000Vdc	
CQB75W	75W	9~36V 18~75V	•	•	•	•	•												87%	1500Vdc	
CQB75W8 		9~75V			•	•	•	•					•						90%	Reinforced 3000Vac	
CQB75W14 		12~160V		•	•	•	•	•	•					•					91%	Reinforced 3000Vac	
CQB75-300S 		180~450V	•	•	•	•	•	•					•						90%	Reinforced 3000Vac	
CQB100W	100W	9~36V 18~75V	•	•	•	•	•												88%	1500Vdc	
CQB100W14 		12~160V		•	•	•	•	•	•					•					90%	Reinforced 3000Vac	
CQB100W-110S		43~160V		•	•	•	•	•	•				•						92%	3000Vdc	
CQB150W 	150W	9~36 18~75V		•	•		•	•				•							92%	2250Vdc	
CQB150W8 		9~75V		•	•	•	•	•	•				•	•					90%	Reinforced 3000Vac	
CQB150W14 		12~160V		•	•	•	•	•	•					•					92%	3000Vdc	
CQB150W-110S 		43~160V	•	•	•	•	•	•	•				•						92%	3000Vdc	
CQB150-300S 		180~425V		•	•	•	•	•	•				•						89%	Reinforced 3000Vac	
CQB200	200W	18~36V					•	•											92%	2250Vdc	



New Product



Ultra-wide Input



Railway



High input voltage



Defense



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IEC/UL/EN 62368-1
EN 50155, EN 45545-2

Half Brick Package 50W-500W

Series		Output Power	Input Voltage (Vdc)	Output Voltage (Vdc)																Eff.	Isolation Voltage	Package / Dimension (inch)	
				Single												Dual							Tri.
				3.3V	5V	12V	15V	24V	28V	32V	36V	48V	54V	±5V	±12V	±15V	±24V	Other					
	CHB50	50W	9~18V 18~36V 36~75V	•	•	•	•	•											89%	1500Vdc	2.28×2.40x0.50 (Half Brick)		
	CHB50W		9~36V 18~75V	•	•	•	•	•	•			•							87%				
	CHB75	75W	9~18V 18~36V 36~75V	•	•	•	•	•											89%				
	CHB75W		9~36V 18~75V	•	•	•	•	•	•			•							85%				
	CHB100	100W	18~36V 36~75V	•	•	•	•	•											89%				
	CHB100W		9~36V 18~75V	•	•	•	•	•	•			•											
	CHB150	150W	36~75V	•	•	•	•	•															
	CHB100-110S 	100W	66~160V			•	•	•			•								89%	Reinforced 3000Vac	2.28×2.40x0.50 (Half Brick)		
	CHB150W	150W	9~36V 18~75V	•	•	•	•	•	•			•							91%	1500Vdc	2.28×2.40x0.52 (Half Brick)		
	CHB150W8 		9~75V			•	•	•	•			•							90%		2.28×2.40x0.50 (Half Brick)		
	CHB150W12  		14~160V		•	•	•	•				•							91%	Reinforced 3000Vac			
	CHB200W	200W	10~36V 18~75V	•	•	•	•	•	•			•							89%	1500Vdc	2.28×2.40x0.52 (Half Brick)		
	CHB200W-110S 		43~160V		•	•		•	•			•							91%	3000Vdc	2.28×2.40x0.50 (Half Brick)		
	CHB200W12  		14~160V			•	•	•	•										90%	Reinforced 3000Vac			
	CHB300W	300W	9~36V 18~75V		•	•	•	•	•			•							92%	1500Vdc			
	CHB300W-110S 		43~160V	•	•	•		•	•			•							91%	3000Vdc			
	CHB300-300S  		180~425V		•	•		•	•			•							90%	1500Vdc			
	CHB350	350W	18~36V 36~75V	•	•	•		•	•			•							92.5%	Reinforced 3000Vac	2.28×2.40x0.50 2.28×2.40x0.52 (Half Brick)		
	CHB500W 	500W	9~40V 16.5~74V			•		•	•				•						92%	3000Vdc	2.28×2.40x0.50 (Half Brick)		

Full Brick Package 400W-1500W

Series		Output Power	Input Voltage (Vdc)	Output Voltage (Vdc)																Eff.	Isolation Voltage	Package / Dimension (inch)	
				Single										Dual									Tri.
				3.3V	5V	12V	15V	24V	28V	32V	36V	48V	54V	±5V	±12V	±15V	±24V	Other					
	CFB400W	400W	9~36V 18~75V		●	●		●	●			●							90%	1500Vdc	4.60×2.40x0.50 (Full Brick)		
	CFB600	600W	18~36V 36~75V			●		●	●	●		●							92%				
	CFB600W-110S 		43~160V			●		●	●		●								88%	2250Vdc			
	CFB600-300S 		180~425V			●		●			●								91%	Reinforced 3000Vac			
	CFB750-300S 	750W	200~425V			●	●	●	●		●	●											
	CFB800 	800W	18~36V						●				●	56V						90%		1500Vdc	
	CFB1500-300S  	1500W	200~425V			●	●	●	●		●	●								94%		Reinforced 3000Vac	



New Product



Ultra-wide Input



Railway



High input voltage

IEC/UL/EN 62368-1
EN 50155, EN 45545-2

Chassis Mount / Din Rail 10W-750W

Series	Output Power	Input Voltage (Vdc)	Output Voltage (Vdc)																Eff.	Isolation Voltage	Package / Dimension (inch)	
			Single										Dual									Tri.
			3.3V	5V	12V	15V	24V	28V	32V	36V	48V	54V	±5V	±12V	±15V	±24V	Other					
 EC7AW18-72S/D -ECRT -EDRT	10W	10~160V			•	•	•							•	•	•				86%	Reinforced 3000Vac	4.00x2.14x0.80 (ECRT) 4.00x2.14x1.38 (EDRT)
	20W				•	•	•									•	•	•				88%
 EC5SBW-C(D)MF	30W	10~36V 19~74V	•	•	•	•									•	•				90%	1500Vdc	3.31x1.48x1.20 (CMF) 3.31x1.48x1.71 (DMF)
 ECB40W18-ECRT/EDRT	40W	10~160V		•	•	•	•						•							89%	Reinforced 3000Vac	5.63x2.56x0.87 (ECRT) 5.63x2.56x1.45 (EDRT)
 CQB50W12-72SXX-CMFC(D)	30-50W	14 ~160V		•	•		•					•								89%	3000Vdc	4.60x2.40x1.26 (CMFC) 4.60x2.49x1.35 (CMFD)
	 CQB50W8-36SXX-CMFC(D)	50W	9.5~75V			•	•	•	•			•								90%	Reinforced 3000Vac	4.60x2.40x1.46 (CMFC) 4.60x2.49x1.46 (CMFD)
 CRT60W12	60W	14.4~160V			•		•				•								92%	5.09x2.28x1.35 (EC) 5.09x2.28x1.93 (ED)		
 CQB75W8-36SXX-CMFC(D)	75W	9.5~75V			•	•	•	•				•								90%		4.60x2.40x1.46 (CMFC) 4.60x2.49x1.46 (CMFD)
		 CQB75-300SXX-CMFC(D)	180~450V	•	•	•	•	•				•									4.60x2.40x1.24 (CMFC) 4.60x2.49x1.35 (CMFD)	
 CHB/CHE50-100W-CM/DIN	33-100W	9~36V 18~75V	•	•	•	•	•	•				•								89%	1500Vdc	4.61x2.54x1.03
 CRT100W12	100W	14.4~160V			•		•					•								92%	Reinforced 3000Vac	5.09x2.28x1.35 (EC) 5.09x2.28x1.93 (ED)
		 CQB100W-110SXX-CMFC(D)	43~160V		•	•	•	•	•				•								91%	3000Vdc
 CQB/CQE50-150W-CM/DIN	33-150W	9~36V 18~75V 43~160V 66~160V	•	•	•	•	•	•				•								92%	2250Vdc	4.41x1.57x1.98
 CQB150-300SXX-CMFC(D)	150W	180~425V		•	•	•	•	•				•								89%	Reinforced 3000Vac	4.60x2.40x1.26 (CMFC) 4.60x2.49x1.35 (CMFD)
		 CQB150W-110SXX-CMFC(D)	43~160V	•	•	•	•	•	•				•								91%	3000Vdc



New Product



Ultra-wide Input



Railway



High input voltage



Defense



Medical



CB



UL

US

UK

CE

IEC/UL/EN 62368-1, EN 50155
IEC/UL/EN 60601-1

Chassis Mount / Din Rail 10W-750W

Series	Output Power	Input Voltage (Vdc)	Output Voltage (Vdc)																Eff.	Isolation Voltage	Package / Dimension (inch)	
			Single										Dual									Tri.
			3.3V	5V	12V	15V	24V	28V	32V	36V	48V	54V	±5V	±12V	±15V	±24V	Other					
 CHB200W12-CMFD 	200W	14~160V			•	•	•					•							89.5%	Reinforced 3000Vac	6.98x3.09x1.56 (CMFD)	
 CHB200W-110SXX-CMFC(D) 		43~160V		•	•		•	•			•								90.5%	3000Vdc	6.50x3.00x1.52 (CMFC) 6.50x3.09x1.57 (CMFD)	
 CRT300W12 	300W	14.4~160V			•		•				•								94%	Reinforced 3000Vac	8.27x3.2x1.33	
 CHB300W-110SXX-CMFC(D) 		43~160V	•	•	•		•	•			•								90.5%	3000Vdc	6.50x3.00x1.52 (CMFC) 6.50x3.09x1.57 (CMFD)	
 CHB300-300SXX-CMFC(D) 		180~425V		•	•		•	•			•								90%	Reinforced 3000Vac		
 CFB600W-110SXX-CMFD 	600W	43~160V			•		•	•			•								88%	2250Vdc	9.45x4.33x1.65 (CMFD)	
 CFB750-300SXX-CMFD 	750W	200~425V			•	•	•	•		•	•								90%	Reinforced 3000Vac		



EMI Filter

Series	Output Power	Input Voltage (Vdc)	Package / Dimension (inch)
FM05D	5A	200V	Input 200V Max.
FM10D	10A	200V	Input 200V Max.
MF10D/MF20D	10A/20A	75V	Input 75V Max. For MIL-STD-461(F, G)
FM10/20	10A/20A	75V	Input 75V Max.
FM30R	30A	80V	Input 80V Max.



Quarter Brick & Half Brick 60W & 150W

Series	Output Power	Input Voltage (Vdc)	Output Voltage (Vdc)												Eff.	Isolation Voltage	Package / Dimension (inch)
			Single								Dual						
			3.3V	5V	12V	15V	24V	28V	48V	54V	±5V	±12V	±15V	±24V			
 CQM60W 	60W	9~36V 18~75V		•	•	•						•	•		93%	5000Vac	2.28x1.45x0.50 (Quarter Brick)
 CHM150 	150W	18~36V			•	•	•								91%	5000Vac	2.28x2.40x0.52 (Half Brick)



Wall-mount Adapter 6W - 30W
Class II - Fixed Plug

Series		Output Power		Input Voltage (VAC/VDC)	Output Voltage (VDC)												Eff.	Key Feature	OVC III	Package / Dimension (inch)
		Con.	Peak		Single															
					5V	9V	12V	15V	18V	19V	24V	28V	36V	48V	54V	Other				
	TRE15	15W	-	90~264VAC	●	●	●	●			●						86%	Cost Effective Altitude 5000m	-	2.795x1.906x1.299
	TRG15	15W			●	●	●	●	●		●					6V 7.5V 13.6V	86%	Altitude 5000m		2.835x2.047x1.378
	TRE25	25W			●	●	●	●	●		●						87%	Cost Effective		2.795x1.906x1.299

Class II - Interchangeable Plug

Series	Output Power		Input Voltage (VAC/VDC)	Output Voltage (Vdc)												Eff.	Key Feature	OVC III	Package / Dimension (inch)		
	Con.	Peak		Single																	
				5V	9V	12V	15V	18V	19V	24V	28V	36V	48V	54V	Other						
 TRG10R	10W	-	90~264VAC	●	●	●	●	●		●					5.9V 6V 7.5V 13.6V	84%	LEVEL VI Efficiency	-	2.858x1.823x1.402		
 TRE15R	15W			●	●	●	●			●						86%	Cost Effective Altitude 5000m		2.795x2.220x1.299 (R) 2.835x2.244x1.299 (RD)		
 TRE25R	25W																			88%	Cost Effective
 TRE25RD																					
 TRG30RV	30W			●	●	●	●	●		●									Altitude 5000m	4.243x2.267x1.319	
 TRG30RAV																					4.278x2.440x1.445



Desktop Adapter 36W - 220W
Class I

Series		Output Power		Input Voltage (VAC/VDC)	Output Voltage (VDC)												Eff.	Key Feature	OVC III	Package / Dimension (inch)
		Con.	Peak		Single															
					5V	9V	12V	15V	18V	19V	24V	28V	36V	48V	54V	Other				
	TRH50A	50W	-	90~264VAC												89%	Altitude 5000m	-	4.724x2.047x1.220	
	TRH70A	70W																		
	TRH100A	100W													13.5V 19V					
	TRH160A	160W													30V				93%	
	TRH220A	220W																	94%	7.087x2.953x1.752

Class II

Series	Output Power		Input Voltage (VAC/VDC)	Output Voltage (VDC)												Eff.	Key Feature	OVC III	Package / Dimension (inch)
				Single															
	Con.	Peak		5V	9V	12V	15V	18V	19V	24V	28V	36V	48V	54V	Other				
 TRE36	36W	-	90~264VAC	●	●	●	●	●		●		●	●		13.5V	89%	Altitude 5000m	-	3.937x1.771x0.886



Household

Peak Load
PowerIEC/UL/EN 62368-1
EN 60335-1

AC-DC Power Supplies



Open-frame 4W - 1000W

Class II

Series	Output Power		Input Voltage (VAC/VDC)	Output Voltage (VDC)												Eff.	Key Feature	OVC III	Package / Dimension (inch)
	Con.	Peak		Single										Dual	Tri.				
				3.3V	5V	12V	15V	24V	28V	36V	48V	54V	other						
 CFM04S	4W		85~305VAC	●	●	●	●	●								82%	Altitude 5000m Meets EN60335-1 OVC II & OVC III	●	1.560x0.760x0.720 (PCB-mount) 1.620x0.830x0.787 (Encapsulated) 1.950x0.710x0.689 (Wafer)
 CFM06S	6W			●	●	●	●	●					9V			83%	Altitude 5000m		1.555x0.764x0.720 (PCB-mount) 1.618x0.827x0.787 (Encapsulated) 1.950.x0.709x0.689 (Wafer)
 CFM12S 	12W				●	●	●	●					9V			87%	Altitude 5000m EN60335-1 Approval		1.500x1.000x0.756 (PCB-mount) 1.600x1.100x0.772 (Encapsulated) 2.150x1.000x0.689 (Wafer)
 CFM20S 	20W				●	●	●	●			●					87%	Altitude 5000m Meets EN60335-1		2.380x1.300x0.906 (PCB-mount) 2.480x1.400x0.933 (Encapsulated) 3.000x1.300x0.831 (Wafer)
 CFM25S  	25W	50W	90~264VAC													87%	2 Times Peak Load Altitude 5000m EN60335-1 Approval		2.000x1.100x0.980 (PCB-mount) 2.091x1.193x0.976 (Encapsulated) 2.776x1.100x0.906 (Wafer)
 CFM41S  	40W	80W			●	●	●	●		●	●					90%	2 Times Peak Load Altitude 5000m Meets EN60335-1	-	2.000x2.000x1.01 (PCB-mount) 2.14x2.14x1.035 (Encapsulated) 2.70x2.00x0.941 (Wafer)
 CFM61S 	60W	120W															2 Times Peak Load Altitude 5000m		2.000x2.000x1.346 (PCB-mount) 2.136x2.136x1.409 (Encapsulated) 2.700x2.000x1.291 (Wafer)



IEC/UL/EN 62368-1
EN 60335-1



Open-frame 4W - 1000W Class I

Series	Output Power		Input Voltage (VAC/VDC)	Output Voltage (VDC)												Eff.	Key Feature	OVC III	Package / Dimension (inch)
	Con.	Peak		Single										Dual	Tri.				
				3.3V	5V	12V	15V	24V	28V	36V	48V	54V	other						
 CFM40S	40W	48W	90~264VAC	•	•	•	•	•			•	•		9V 30V		87%	High Peak Load	-	4.000x2.000x1.275 (PCB-mount) 4.000x2.000x1.200 (Wafer) 4.606x2.480x1.575 (Cover)
 CFM40D/T		-												5V/12V 5V/24V	3.3V/5V/-12V 5V/12V/-5V 5V/12V/-12V 5V/15V/-15V 5V/24V/12V 5V/24V/-5V 5V/24V/-12V	81%	Dual/Triple Outputs		4.000x2.000x1.224 (Wafer) 4.606x2.480x1.575 (Cover)
 CFM60S		72W		•	•	•	•	•		•	•		9V 30V		88%	High Peak Load	4.000x2.000x1.275 (PCB-mount) 4.000x2.000x1.200 (Wafer) 4.606x2.480x1.575 (Cover)		
 CFM60T		60W												3.3V/5V/-12V 5V/12V/-12V 5V/15V/-15V 5V/24V/-12V	83%	Triple Outputs	4.000x2.000x1.260 (Wafer)		
 CFM80S		80W		-		•	•	•	•				•				90%		EN61000-3-2 Class A

Class I & Class II

Series	Output Power		Input Voltage (VAC/VDC)	Output Voltage (VDC)												Eff.	Key Feature	OVC III	Package / Dimension (inch)		
	Con.	Peak		Single										Dual	Tri.						
				3.3V	5V	12V	15V	24V	28V	36V	48V	54V	other								
 CFM36S	36W	-	90~264VAC		●	●	●	●				●				89%	Altitude 5000m Meets EN60335-1 Class I & Class II	-	3.00x1.50x1.100 (PCB-mount) 3.10x1.60x1.134 (Encapsulated) 3.00x1.50x1.000 (Wafer)		
 CFM50S 	50W					●	●	●	●			●	●								●
 CFM70S 	70W					●	●	●	●			●	●					91%	2 Times Peak Load Altitude 5000m EN60335-1 Approval	-	
 CFM81S  	80W			160W			●	●	●				●								92%
 CFM102S 	100W	-				●	●	●			●	●		13.8V 19V							



New Product



Household



Baseplate-cooled

CB

c

us

UK

CA

CE

IEC/UL/EN 62368-1, EN 60335-1



Baseplate-cooled

Class I & Class II / Class I

Series	Output Power		Input Voltage (VAC/Vdc)	Output Voltage (Vdc)												Eff.	Key Feature	OVC III	Package / Dimension (inch)
	Con.	Peak		Single										Dual	Tri.				
				3.3V	5V	12V	15V	24V	28V	36V	48V	54V	other						
 CFM130S 	130W	156W	80~264VAC			•		•		•	•		18V 19V			94%	Altitude 5000m Class I & Class II		3.000x2.000x1.20 (Open-frame) 3.598x2.000x1.299 (Baseplate) 3.598x2.520x1.358 (Cover)
 CFM150S 	150W	-	90~264VAC			•		•	•	•	•								4.00x2.00x1.283 (Open-frame) 4.598x2.00x1.362 (Baseplate)
 CFM202S  	200W	240W				•		•	•	•	•	•	56V				Altitude 5000m EN60335-1 Approval Class I & Class II		4.00x2.00x1.311 (Baseplate) 4.598x2.520x1.358 (Cover)
 CFM260S 	260W	312W	85~264VAC			•		•		•	•					93.5%	Altitude 5000m Class I		4.000x2.000x1.441 (Open-frame) 4.598x2.000x1.520 (Baseplate) 4.598x2.520x1.594 (Cover)
 CFM300S 	300W		90~264VAC			•		•		•	•					94%	Altitude 5000m Meets EN60335-1 Class I		5.000x3.000x1.421 (Baseplate) 5.355x3.425x1.591 (Cover)
 CFM400S  	400W				•		•		•	•	•	18V							5.000x3.000x1.540 (Baseplate) 5.354x3.425x1.673 (Cover)
 CFM500S  	500W	600W	80~264VAC			•		•	•	•	•		18V 30V			94.5%	Altitude 5000m Meets EN60335-1 Class I		5.000x3.000x1.540 (Baseplate) 5.354x3.425x1.673 (Cover)
 CFM600S   	600W					•		•	•	•	•		18V 30V			94%	Altitude 5000m Meets EN60335-1 Class I & Class II		5.000x3.000x1.540 (Baseplate) 5.354x3.425x1.673 (Cover)
 CFM1000S  	1000W				•		•	•	•	•	•	30V			Altitude 5000m Class I				4.000x2.000x1.441 (U Channel) 4.598x2.000x1.520 (Cover) 4.598x2.520x1.594 (Fan)



IEC/UL/EN 62368-1, EN 60335-1



Encapsulated 4W - 750W Class II / Class I & Class II

Series	Output Power		Input Voltage (VAC/Vdc)	Output Voltage (Vdc)														Eff.	Key Feature	OVC III	Package / Dimension (inch)
	Con.	Peak		Single												Dual	Tri.				
				3.3V	5V	12V	15V	24V	28V	36V	48V	54V	other								
 CFM04S	4W	-	85~305VAc	•	•	•	•	•									82%	Altitude 5000m Meets EN60335-1 OVC II & OVC III Class II	•	1.560x0.760x0.720 (PCB-mount) 1.620x0.830x0.787 (Encapsulated) 1.950x0.710x0.689 (Wafer)	
 CFM06S	6W			•	•	•	•	•					9V				83%	Altitude 5000m Class II		1.555x0.764x0.720 (PCB-mount) 1.618x0.827x0.787 (Encapsulated) 1.950.x0.709x0.689 (Wafer)	
 CFM12S 	12W				•	•	•	•	•					9V			87%	Altitude 5000m EN60335-1 Approval Class II		1.500x1.000x0.756 (PCB-mount) 1.600x1.100x0.772 (Encapsulated) 2.150x1.000x0.689 (Wafer)	
 CFM20S 	20W				•	•	•	•	•			•					87%	Altitude 5000m Meets EN60335-1 Class II		2.380x1.300x0.906 (PCB-mount) 2.480x1.400x0.933 (Encapsulated) 3.000x1.300x0.831 (Wafer)	
 CFM25S  	25W		50W		•	•	•	•	•			•	•				87%	2 Times Peak Load Altitude 5000m EN60335-1 Approval Class II		2.000x1.100x0.980 (PCB-mount) 2.091x1.193x0.976 (Encapsulated) 2.776x1.100x0.906 (Wafer)	
 CFM36S	36W	-	90~264VAc	•	•	•	•	•			•						89%	Altitude 5000m Meets EN60335-1 Class I & Class II	-	3.000x1.500x1.100 (PCB-mount) 3.10x1.60x1.134 (Encapsulated) 3.00x1.50x1.000 (Wafer)	
 CFM41S  	40W	80W														90%	2 Times Peak Load Altitude 5000m Meets EN60335-1 Class II	2.000x2.000x1.01 (PCB-mount) 2.14x2.14x1.035 (Encapsulated) 2.70x2.00x0.941 (Wafer)			
 CFM50S 	50W	-				•	•	•	•		•	•				89%	Altitude 5000m Meets EN60335-1 Class I & Class II	•		3.000x2.000x1.142 (PCB-mount) 3.000x2.000x1.067 (Wafer) 3.598x2.520x1.358 (Cover) 3.140x2.170x1.201 (Encapsulated) 4.200x2.170x1.201 (Terminal Block) 4.200x2.170x1.784 (Din-Rail)	
 CFM61S 	60W	120W															90%	2 Times Peak Load Altitude 5000m Class II		-	2.000x2.000x1.346 (PCB-mount) 2.136x2.136x1.409 (Encapsulated) 2.700x2.000x1.291 (Wafer)
 CFM70S 	70W	-															91%	Altitude 5000m Meets EN60335-1 Class I & Class II	•	3.000x2.000x1.142 (PCB-mount) 3.000x2.000x1.067 (Wafer) 3.598x2.520x1.358 (Cover) 3.140x2.170x1.201 (Encapsulated) 4.200x2.170x1.201 (Terminal Block) 4.200x2.170x1.784 (Din-Rail)	



Encapsulated 4W - 750W

Class I - Brick Type

Series		Output Power		Input Voltage (VAC/VDC)	Output Voltage (V ^{DC})											Eff.	Key Feature	OVC III	Package / Dimension (inch)			
					Single										Dual					Tri.		
		Con.	Peak		3.3V	5V	12V	15V	24V	28V	36V	48V	54V	other								
	CBM70S	70W	-	90~264VAC 127~370VDC				•		•		•	•				89.5%	Low Profile Wide Operating Temp. Built-in EMI Filter & Capacitor		2.28x2.40x0.67		
	CBM101S	100W		90~264VAC 127~370VDC				•		•	•	•	•						94.5%		4.60x2.40x0.67	
	CBM150S	150W						•		•	•	•	•	•						93%		4.60x2.40x0.78
	CBM300S 	300W						•	•	•	•	•	•	•						94%		4.60x3.35x0.78
	PDF700S	700W		90~264VAC				•		•	•		•	•	56V			92%	Low Profile Compact Size Wide Operating Temp.		4.60x2.40x0.50	
	PFC750	750W													390V			96.5%	Low Profile Active Power Factor Correction		2.28x2.40x0.50	



Enclosed & Din-rail 40W - 1000W

Class I & Class II / Class I - Cover Type

Series	Output Power		Input Voltage (VAC/VDC)	Output Voltage (VDC)												Eff.	Key Feature	OVC III	Package / Dimension (inch)	
	Con.	Peak		Single											Dual					Tri.
				3.3V	5V	12V	15V	24V	28V	36V	48V	54V	other							
 CFM40S	40W	48W	90~264VAC	●	●	●	●	●		●	●		9V 30V			87%	High Peak Load	-	4.000x2.000x1.275 (PCB-mount) 4.000x2.000x1.200 (Wafer) 4.606x2.480x1.575 (Cover)	
 CFM50S 	100W	-				●	●	●	●		●	●					89%	Altitude 5000m Meets EN60335-1 Class I & Class II	●	3.000x2.000x1.142 (PCB-mount) 3.000x2.000x1.067 (Wafer) 3.598x2.520x1.358 (Cover) 3.140x2.170x1.201 (Encapsulated) 4.200x2.170x1.201 (Terminal Block) 4.200x2.170x1.784 (Din-Rail)
 CFM60S	60W	72W			●	●	●	●	●		●	●		9V 30V			88%	High Peak Load	-	4.000x2.000x1.275 (PCB-mount) 4.000x2.000x1.200 (Wafer) 4.606x2.480x1.575 (Cover)

Enclosed & Din-rail 40W - 1000W

Class I & Class II / Class I - Cover Type

Series	Output Power		Input Voltage (VAC/Vdc)	Output Voltage (VDC)													Eff.	Key Feature	OVC III	Package / Dimension (inch)
	Con.	Peak		Single											Dual	Tri.				
				3.3V	5V	12V	15V	24V	28V	36V	48V	54V	other							
 CFM70S 	70W	-	90~264VAC			•	•	•	•		•	•					91%	Altitude 5000m Meets EN60335-1 Class I & Class II	•	3.000x2.000x1.142 (PCB-mount) 3.000x2.000x1.067 (Wafer) 3.598x2.520x1.358 (Cover) 3.140x2.170x1.201 (Encapsulated) 4.200x2.170x1.201 (Terminal Block) 4.200x2.170x1.784 (Din-Rail)
 CFM81S  	80W	160W					•	•	•			•					91%			2 Times Peak Load Altitude 5000m EN60335-1 Approval
 CFM130S 	130W	156W	80-264VAC			•		•		•	•		18V 19V			94%	Altitude 5000m Class I & Class II	•	3.000x2.000x1.120 (Open-frame) 3.598x2.000x1.299 (Baseplate) 3.598x2.520x1.358 (Cover)	
 LFM200S   	200W	-	85~264VAC 115~370VDC			•	•	•	•	•	•	•	30V				Low Profile OVC II & OVC III Class I			3.090x2.300x1.000 (Cover)
 CFM202S  	200W	240W	90~264VAC			•		•	•	•	•	•	56V				Altitude 5000m Meets EN60335-1 Class I & Class II			4.00x2.00x1.129 (Baseplate) 4.598x2.520x1.358 (Cover)
 CFM260S 	260W	312W	85~264VAC			•		•		•	•					93.5%	Altitude 5000m Class I	-	4.000x2.000x 1.441 (Open-frame) 4.598x2.000x 1.520 (Baseplate) 4.598x2.520x 1.594 (Cover)	
 LFM300S   	300W		85~264VAC 120~370VDC			•	•	•	•		•	•	30V			94%	Low Profile OVC II & OVC III Class I	•	4.094x2.280x1.000 (Cover)	
 CFM300S 	300W		90~264VAC			•		•		•	•						Altitude 5000m Meet EN60335-1 Class I	-	5.000x3.000x1.421 (Baseplate) 5.355x3.425x1.591 (Cover)	
 CFM400S  	400W		80~264VAC			•		•		•	•	•	18V						5.000x3.000x1.540 (Baseplate) 5.354x3.425x1.673 (Cover)	
 LFM420S   	420W		85~264VAC 120~370VDC			•		•	•	•	•	•				94.5%	Low Profile OVC II & OVC III Class I	•	5.090x3.300x1.000 (Cover)	



New Product



Household



Baseplate-cooled

IEC/UL/EN 62368-1,
EN 60335-1**Enclosed & Din-rail 40W - 1000W**

Class I & Class II / Class I - Cover Type

Series	Output Power		Input Voltage (VAC/VDC)	Output Voltage (Vdc)												Eff.	Key Feature	OVC III	Package / Dimension (inch)	
	Con.	Peak		Single										Dual	Tri.					
				3.3V	5V	12V	15V	24V	28V	36V	48V	54V	other							
 CFM500S  	500W	600W	80~264VAC			•		•	•	•	•		18V 30V			94.5%	Altitude 5000m Meets EN60335-1 Class I	-	5.000x3.000x1.540 (Baseplate) 5.354x3.425x1.673 (Cover)	
 LFM550S   	550W		85~264VAC 115~370VDC			•	•	•	•	•	•	•	30V			95%	Low Profile OVC II & OVC III Class I	•	5.090x3.290x1.000 (Cover)	
 CFM600S   	600W		80~264VAC			•		•	•	•	•		18V 30V			94%	Altitude 5000m Meets EN60335-1 Class I & Class II	-	5.000x3.000x1.540 (Baseplate) 5.354x3.425x1.673 (Cover)	
 PDF700S- CMFC/D/D-P 	700W		90~264VAC			•		•	•		•	•	56V			91.5%	Built-In EMI Filter Parallel Option MIL-STD-461F CE102/RE101		-	9.45x4.33x1.587 (CMFC) 9.45x4.33x1.654 (CMFD/CMFD-P)
 PDF700B- CMFD/D-P 																	Built-In EMI Filter Parallel Option MIL-STD-461F CE101/CE102/RE101			9.45x4.33x1.654 (CMFD/CMFD-P)
 LFM750S   	750W		85~264VAC 115~370VDC			•	•	•	•	•		•	30V			94%	Low Profile OVC II & OVC III Class I	•	6.090x3.290x1.000 (Cover)	
 CFM1000S 	1000W	80~264VAC			•		•	•	•	•	•	30V			Altitude 5000m Class I		-	4.000x2.000x1.441 (U Channel) 4.598x2.000x1.520 (Cover) 4.598x2.520x1.594 (Fan)		

Class I - Din-rail Type

Series	Output Power		Input Voltage (VAC/VDC)	Output Voltage (VDC)												Eff.	Key Feature	OVC III	Package / Dimension (inch)		
	Con.	Peak		Single										Dual	Tri.						
				3.3V	5V	12V	15V	24V	28V	36V	48V	54V	other								
 CFM40C	40W	-	90~264VAC	●	●	●	●	●		●	●		9V 30V			87%	EN55032 Class B	-	5.433x2.323x1.894		
 CFM50S 	50W						●		●	●	●		●	●				89%	Altitude 5000m Meets EN60335-1 Class I & Class II	●	3.000x2.000x1.142 (PCB-mount) 3.000x2.000x1.067 (Wafer) 3.598x2.520x1.358 (Cover) 3.140x2.170x1.201 (Encapsulated) 4.200x2.170x1.201 (Terminal Block) 4.200x2.170x1.784 (Din-Rail)
 CFM60C	60W			●	●	●	●	●		●	●		9V 30V			88%	EN55032 Class B	-	5.433x2.323x1.894		
 CFM70S 	70W						●		●	●	●		●	●				91%	Altitude 5000m Meets EN60335-1 Class I & Class II	●	3.000x2.000x1.142 (PCB-mount) 3.000x2.000x1.067 (Wafer) 3.598x2.520x1.358 (Cover) 3.140x2.170x1.201 (Encapsulated) 4.200x2.170x1.201 (Terminal Block) 4.200x2.170x1.784 (Din-Rail)



Wall-mount Adapter 15W & 18W & 30W

Interchangeable Plug (Class II)

Series	Output Power		Input Voltage (VAC/VDC)	Output Voltage (VDC)											Eff.	Key Feature	Package / Dimension (inch)	
	Con.	Peak		Single														
				3.3V	5V	12V	15V	18V	24V	28V	36V	48V	54V	other				
 TR15RAM	15W	-	90~264VAC		•	•	•		•						82%	2MOPP	3.173x1.885x1.704	
 TR18RDM 	18W		80~264VAC													87%	2MOPP Altitude 5000m EN60601-1-11 Meets EN60335-1	3.165x1.693x1.453
 TR30RAM	30W		90~264VAC		•	•	•	•	•						9V	87%	2MOPP	4.278x2.440x1.445
 TR30RDM 			80~264VAC													88%	2MOPP Altitude 5000m EN60601-1-11 Meets EN60335-1	3.807x2.283x1.703

Desktop Adapter 36W - 220W

Class II

Series	Output Power		Input Voltage (VAC/VDC)	Output Voltage (Vdc)												Eff.	Key Feature	Package / Dimension (inch)
	Con.	Peak		Single														
				3.3V	5V	12V	15V	18V	24V	28V	36V	48V	54V	other				
 TR36M 	36W	-	80~264VAC		•	•	•	•	•		•	•		9V 13.5V	89%	2MOPP Altitude 5000m EN60601-1-11 Meets EN60335-1	3.937x1.771x0.886	
 TR60M	60W		90~264VAC		•	•	•	•	•		•	•		19V	88%	2MOPP	5.197x2.283x1.201	
TR100M	100W					•	•	•	•			•		20V	89%		5.591x2.283x1.457	

Class I & II

Series	Output Power		Input Voltage (VAC/VDC)	Output Voltage (VDC)											Eff.	Key Feature	Package / Dimension (inch)	
	Con.	Peak		Single														
				3.3V	5V	12V	15V	18V	24V	28V	36V	48V	54V	other				
 TR70M 	70W	-	80~264VAC			•	•	•	•		•	•			91%	2MOPP Altitude 5000m EN60601-1-11	4.724x2.047x1.220	
 TR160M 	160W					•			•		•						93%	5.906x2.756x1.496
 TR220M 	220W					•			•		•	•	• 56V				94%	7.087x2.953x1.752

Baseplate-
cooledIEC/UL/EN 60601-1
IEC/UL/EN 60601-2**Open-frame 20W - 500W**

Class II

Series	Output Power		Input Voltage (VAC/VDC)	Output Voltage (Vdc)											Eff.	Key Feature	Package / Dimension (inch)	
	Con.	Peak		Single														
				3.3V	5V	12V	15V	18V	24V	28V	36V	48V	54V	other				
 CFM21	20W	-	90~264VAC	●	●	●	●		●						9V	85%	2MOOP Low Profile	2.38x1.60x0.80 (PCB-mount) 3.00x1.60x0.77 (Wafer) 2.53x1.74x0.80 (Encapsulated) 3.00x1.60x0.77 (Screw Terminal)

Class I

Series		Output Power		Input Voltage (VAC/VDC)	Output Voltage (V _{DC})										Eff.	Key Feature	Package / Dimension (inch)	
					Single													
		Con.	Peak		3.3V	5V	12V	15V	18V	24V	28V	36V	48V	54V				other
 CFM40M	40W				•	•	•	•		•		•	•		9V 30V	88%	2MOOP	3.000x2.000x0.948 (PCB-mount) 3.000x2.000x0.909 (Wafer) 3.200x2.441x1.260 (Cover)
 CFM60M	60W	-	90~264VAC			•	•	•		•			•			90%		4.000x2.000x1.100 (Wafer) 4.606x2.441x1.575 (Cover)

Baseplate-cooled (Class I & Class II / Class I)

Series	Output Power		Input Voltage (VAC/VDC)	Output Voltage (V _{DC})											Eff.	Key Feature	Package / Dimension (inch)
	Con.	Peak		Single													
				3.3V	5V	12V	15V	18V	24V	28V	36V	48V	54V	other			
 CFM130M 	130W	156W	80~264VAC			•		•	•		•	•		19V	94%	2MOPP Altitude 5000m Class I & Class II	3.000x2.000x1.20 (Open-frame) 3.598x2.000x1.299 (Baseplate) 3.598x2.520x1.358 (Cover)
 CFM300M 	300W	-	90~264VAC			•			•		•	•			94%	2MOPP Class I	5.000x3.000x1.421 (Baseplate) 5.355x3.425x1.591 (Cover)
 CFM500M 	500W	600W	80~264VAC			•		•	•		•	•			94.5%	2MOPP Altitude 5000m Class I	5.000x3.000x1.540 (Baseplate) 5.354x3.425x1.673 (Cover)



New
Product



Baseplate-
cooled



IEC/UL/EN 60601-1
IEC/UL/EN 60601-2



Enclosed (Class I & Class II / Class I) 40W - 750W

Series	Output Power		Input Voltage (VAC/VDC)	Output Voltage (V _{DC})												Eff.	Key Feature	Package / Dimension (inch)
	Con.	Peak		Single														
				3.3V	5V	12V	15V	18V	24V	28V	36V	48V	54V	other				
 CFM40M	40W	-	90~264VAC	•	•	•	•		•		•	•		9V 30V	88%	2MOPP Class I	3.000x2.000x0.948 (PCB-mount) 3.000x2.000x0.909 (Wafer) 3.200x2.441x1.260 (Cover)	
 CFM60M	60W						•	•	•		•			•				90%
 CFM130M 	130W	156W	80~264VAC				•		•	•		•	•		19V	94%	2MOPP Altitude 5000m Class I & Class II	3.000x2.000x1.20 (Open-frame) 3.598x2.000x1.299 (Baseplate) 3.598x2.520x1.358 (Cover)
 LFM200M 	200W	-	85~264VAC 115~374VDC				•	•		•	•	•	•	•	30V	94%	2MOPP Low Profile Class I & Class II	3.090x2.300x1.000 (Cover)
 CFM300M 	300W		90~264VAC				•			•		•	•			94%	2MOPP Class I	5.000x3.000x1.421 (Baseplate) 5.355x3.425x1.591 (Cover)
 LFM300M 	300W		85~264VAC 120~374VDC				•	•		•	•		•	•	30V	94%	2MOPP Low Profile Class I & Class II	4.090x2.280x1.000 (Cover)
 LFM420M 	400W							•	•		•	•	•	•	•	30V	94.5%	2MOPP Low Profile Class I
 CFM500M 	500W	600W	80~264VAC				•		•	•		•	•			95%	2MOPP Altitude 5000m Class I	5.000x3.000x1.540 (Baseplate) 5.354x3.425x1.673 (Cover)
 LFM550M 	550W	-	85~264VAC 115~374VDC				•	•		•	•	•	•	•	30V	95%	2MOPP Low Profile Class I & Class II	5.090x3.290x1.000 (Cover)
 LFM750M 	750W								•	•		•	•		•	•		30V



Cincon Taiwan | Headquarters

14F, No. 306, Section 4, Hsin Yi Rd., Taipei, Taiwan

Tel 886-2 2708 6210

Fax 886-2 2702 9852

E-mail sales@cincon.com

Cincon North America

5450 Ralston St. Ste 201 Ventura, CA 93003

Tel 805 639 3350

Fax 805 639 4101

E-mail info@cincon.com

