



CINCON ELECTRONICS

2023 AC-DC POWER SUPPLIES



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Industrial

CB   CE | IEC/EN/UL 62368-1










Wall-mount Adapter 6W - 30W

Class II - Fixed Plug







Series	Power	Vin	Vout	Eff.	Key Feature	Package / Dimension (inch)
 TRE06	6W	90~264V	5V, 9V, 12V, 15V	81%	Cost Effective	2.047x1.417x0.992
 TRE15	15W		5V, 9V, 12V, 15V, 24V	86%	Cost Effective Altitude 5000m	2.795x1.906x1.299
 TRG15			5V, 6V, 7.5V, 9V, 12V, 13.6V, 15V, 18V, 24V		Altitude 5000m	2.835x2.047x1.378
 TRE25	25W		5V, 9V, 12V, 15V, 18V, 24V	87%	Cost Effective	2.795x1.906x1.299

Class II - Interchangeable Plug

Series	Power	Vin	Vout	Eff.	Key Feature	Package / Dimension (inch)
 TRG10R	10W	90~264V	5V, 5.9V, 6V, 7.5V, 9V, 12V, 13.6V, 15V, 18V, 24V	84%	LEVEL VI Efficiency	2.858x1.823x1.402
 TRE15R	15W		5V, 9V, 12V, 15V, 24V	86%	Cost Effective Altitude 5000m	2.795x2.220x1.299 (R) 2.835x2.244x1.299 (RD)
 TRE15RD						
 TRE25R	25W		5V, 9V, 12V, 15V, 18V, 24V	88%	Cost Effective	
 TRE25RD						
 TRG30RV	30W		5V, 9V, 12V, 15V, 18V, 24V	88%	Altitude 5000m	4.243x2.267x1.319
 TRG30RAV			4.278x2.440x1.445			

Desktop Adapter 36W - 220W

Class I




Series	Power	Vin	Vout	Eff.	Key Feature	Package / Dimension (inch)
 TRH50A	50W	90~264V	12V, 15V, 18V, 19V, 24V, 28V, 36V, 48V	89%	Altitude 5000m	4.724x2.047x1.220
 TRH70A	70W					
 TRH100A	100W		12V, 13.5V, 15V, 18V, 19V, 24V, 28V, 36V, 48V	89%		5.591x2.283x1.457
 TRH160A	160W		12V, 24V, 28V, 30V, 36V, 48V, 56V	93%		5.906x2.756x1.497
 TRH220A 	220W		12V, 24V, 36V, 48V, 56V	94%		7.087x2.953x1.752

Class II







Series	Power	Vin	Vout	Eff.	Key Feature	Package / Dimension (inch)
 TRE36	36W	90~264V	5V, 9V, 12V, 13.5V, 15V, 18V, 24V, 36V, 48V	89%	Altitude 5000m	3.937x1.771x0.886

Open-frame 4W - 500W

Class II








Series	Power	Vin	Vout	Eff.	Key Feature	Package / Dimension (inch)
 CFM04S 	4W	85~305V	3.3V, 5V, 12V, 15V, 24V	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	90~264V	3.3V, 5V, 9V, 12V, 15V, 24V	83%	Altitude 5000m	1.555x0.764x0.720 (PCB-mount) 1.618x0.827x0.787 (Encapsulated) 1.950x0.709x0.689 (Wafer)
 CFM12S 	12W		5V, 9V, 12V, 15V, 24V	87%	Altitude 5000m EN60335-1 Approval	1.500x1.000x0.756 (PCB-mount) 1.600x1.100x0.772 (Encapsulated) 2.150x1.000x0.689 (Wafer)
 CFM20S 	20W		5V, 12V, 15V, 24V, 48V	87%	Altitude 5000m Meets EN60335-1	2.380x1.300x0.906 (PCB-mount) 2.480x1.400x0.933 (Encapsulated) 3.000x1.300x0.831 (Wafer)
 CFM25S  	25W		5V, 12V, 15V, 24V, 36V, 48V	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		5V, 12V, 15V, 24V, 36V, 48V	90%	2 Times Peak Load Altitude 5000m	2.000x2.000x1.01 (PCB-mount) 2.14x2.14x1.035 (Encapsulated) 2.70x2.00x0.941 (Wafer)
 CFM61S 	60W		5V, 12V, 15V, 24V, 36V, 48V	90%		2.000x2.000x1.346 (PCB-mount) 2.136x2.136x1.409 (Encapsulated) 2.700x2.000x1.291 (Wafer)

Class I

Series	Power	Vin	Vout	Eff.	Key Feature	Package / Dimension (inch)
 CFM20	20W	85~264V	3.3V, 5V, 9V, 12V, 15V, 24V	81%	Low Profile	3.501x2.000x1.000 (PCB-mount) 3.501x2.000x0.906 (Wafer)
 CFM40S	40W	90~264V	3.3V, 5V, 9V, 12V, 15V, 24V, 30V, 36V, 48V	87%	High Peak Load	4.000x2.000x1.275 (PCB-mount) 4.000x2.000x1.200 (Wafer) 4.606x2.480x1.575 (Cover)
 CFM40D/T	40W		3.3V/5V/-12V, 5V/12V, 5V/12V/-12V, 5V/12V/-5V, 5V/15V/-15V, 5V/24V, 5V/24V/12V, 5V/24V/-5V, 5V/24V/-12V	81%	Dual/Triple Outputs	4.000x2.000x1.224 (Wafer) 4.606x2.480x1.575 (Cover)
 CFM60S	60W		3.3V, 5V, 9V, 12V, 15V, 24V, 30V, 36V, 48V	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		5V, 12V, 15V, 24V, 48V	90%	EN61000-3-2 Class A	4.000x2.000x1.142 (PCB-mount) 4.000x2.000x1.07 (Wafer)

Open-frame 4W - 500W

Class I & Class II

Series	Power	Vin	Vout	Eff.	Key Feature	Package / Dimension (inch)
 CFM36S 	36W	90~264V	5V, 12V, 15V, 24V, 48V	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		5V, 12V, 15V, 24V, 36V, 48V	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)
 CFM70S	70W		5V, 12V, 15V, 24V, 36V, 48V	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)
 CFM81S  	80W		12V, 15V, 24V, 48V	91%	2 Times Peak Load Altitude 5000m EN60335-1 Approval	3.000x2.000x1.413 (PCB-mount) 3.000x2.000x1.339 (Wafer) 3.200x2.441x1.575 (Cover)

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













Series	Power	Vin	Vout	Eff.	Key Feature	Package / Dimension (inch)
 CFM130S 	130W	80~264V	12V, 18V, 19V, 24V, 36V, 48V	94%	Altitude 5000m Class I & Class II	3.000x2.000x1.200 (Open-frame) 3.598x2.000x1.299 (Baseplate) 3.598x2.520x1.358 (Cover)
 LFM150S  	150W	85~264V	12V, 15V, 24V, 28V, 30V, 36V, 48V, 54V	94%	Low Profile OVC II & OVC III Class I	3.000x2.000x1.000 (Baseplate) 3.090x2.300x1.000 (Cover)
 CFM150S 	150W	90~264V	12V, 24V, 28V, 36V, 48V	94%	Altitude 5000m Meets EN60335-1 Class I & Class II	4.00x2.00x1.283 (Open-frame) 4.598x2.00x1.362 (Baseplate)
 CFM202S  	200W		12V, 24V, 28V, 36V, 48V, 56V			4.00x2.00x1.311 (Baseplate) 4.598x2.520x1.358 (Cover)
 LFM250S  	250W	85~264V	12V, 15V, 24V, 28V, 30V, 48V, 54V	94%	Low Profile OVC II & OVC III Class I	4.040x2.000x1.000 (Baseplate) 4.094x2.280x1.000 (Cover)
 CFM260S 	260W	85~264V	12V, 24V, 36V, 48V	93.5%	Altitude 5000m Class I	4.000x2.000x1.441 (Open-frame) 4.598x2.000x1.520 (Baseplate) 4.598x2.520x1.594 (Cover)
 CFM300S 	300W	90~264V	12V, 24V, 36V, 48V	94%	Altitude 5000m Meets EN60335-1 Class I	5.000x3.000x1.421 (Baseplate) 5.355x3.425x1.591 (Cover)
 LFM350S  	350W	85~264V	12V, 24V, 36V, 48V, 54V	94%	Low Profile OVC II & OVC III Class I	5.000x3.000x1.000 (Baseplate) 5.090x3.300x1.000 (Cover)
 CFM400S  	400W	80~264V	12V, 18V, 24V, 36V, 48V, 54V	94%	Altitude 5000m Meets EN60335-1 Class I	5.000x3.000x1.540 (Baseplate) 5.354x3.425x1.673 (Cover)
 LFM450S  	450W	85~264V	12V, 15V, 24V, 28V, 30V, 36V, 48V, 54V	96%	Low Profile OVC II & OVC III Class I	5.000x3.000x1.000 (Baseplate) 5.090x3.300x1.000 (Cover)
 CFM500S 	500W	80~264V	12V, 18V, 24V, 36V, 48V	94.5%	Altitude 5000m Meets EN60335-1 Class I	5.000x3.000x1.540 (Baseplate) 5.354x3.425x1.673 (Cover)

Encapsulated 4W - 750W

Class II / Class I & Class II

Series	Power	Vin	Vout	Eff.	Key Feature	Package / Dimension (inch)
 CFM04S 	4W	85~305V	3.3V, 5V, 12V, 15V, 24V	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	90~264V	3.3V, 5V, 9V, 12V, 15V, 24V	83%	Altitude 5000m Class II	1.555x0.764x0.720 (PCB-mount) 1.618x0.827x0.787 (Encapsulated) 1.950x0.709x0.689 (Wafer)
CFM12S	12W		5V, 9V, 12V, 15V, 24V	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		5V, 12V, 15V, 24V, 48V	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		5V, 12V, 15V, 24V, 36V, 48V	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		5V, 12V, 15V, 24V, 48V	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)
CFM41S 	40W		5V, 12V, 15V, 24V, 36V, 48V	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)
 CFM61S 	60W		5V, 12V, 15V, 24V, 36V, 48V	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)

Class I - Brick Type

Series	Power	Vin	Vout	Eff.	Key Feature	Package / Dimension (inch)
 CBM70S 	70W	90~264V	12V, 24V, 36V, 48V	89.5%	Low Profile Wide Operating Temp. Built-in EMI Filter & Capacitor	2.28x2.40x0.67
 CBM101S  	100W		12V, 24V, 28V, 36V, 48V	94.5%		4.60x2.40x0.67
 CBM150S  	150W		12V, 24V, 28V, 36V, 48V, 54V	93%		4.60x2.40x0.78
PDF700S  	700W		12V, 24V, 28V, 48V, 56V	91.5%	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 - 500W

Class I - Cover Type

	Series	Power	Vin	Vout	Eff.	Key Feature	Package / Dimension (inch)
	CFM40S	40W	90~264V	3.3V, 5V, 9V, 12V, 15V, 24V, 30V, 36V, 48V	87%	High Peak Load	4.000x2.000x1.275 (PCB-mount) 4.000x2.000x1.200 (Wafer) 4.606x2.480x1.575 (Cover)
	CFM60S	60W			88%		
	CFM81S 	80W		12V, 15V, 24V, 48V	91%	2 Times Peak Load Altitude 5000m EN60335-1 Approval	3.000x2.000x1.413 (PCB-mount) 3.000x2.000x1.339 (Wafer) 3.200x2.441x1.575 (Cover)
	CFM130S 	130W	80~264V	12V, 18V, 19V, 24V, 36V, 48V	94%	Altitude 5000m Class I & Class II	3.000x2.000x1.20 (Open-frame) 3.598x2.000x1.299 (Baseplate) 3.598x2.520x1.358 (Cover)
	LFM150S  	150W	85~264V	12V, 15V, 24V, 28V, 30V, 36V, 48V, 54V	94%	Low Profile OVC II & OVC III Class I	3.000x2.000x1.000 (Baseplate) 3.090x2.300x1.000 (Cover)
	CFM202S  	200W	90~264V	12V, 24V, 28V, 36V, 48V, 56V	94%	Altitude 5000m Meets EN60335-1 Class I & Class II	4.000x2.000x1.311 (Baseplate) 4.598x2.520x1.358 (Cover)
	LFM250S  	250W	85~264V	12V, 15V, 24V, 28V, 30V, 48V, 54V	94%	Low Profile OVC II & OVC III Class I	4.040x2.000x1.000 (Baseplate) 4.094x2.280x1.000 (Cover)
	CFM260S 	260W	85~264V	12V, 24V, 36V, 48V	93.5%	Altitude 5000m Class I	4.000x2.000x1.441 (Open-frame) 4.598x2.000x1.520 (Baseplate) 4.598x2.520x1.594 (Cover)
	CFM300S 	300W	90~264V	12V, 24V, 36V, 48V	94%	Altitude 5000m Meets EN60335-1 Class I	5.000x3.000x1.421 (Baseplate) 5.355x3.425x1.591 (Cover)
	LFM350S  	350W	85~264V	12V, 24V, 36V, 48V, 54V	94%	Altitude 5000m Meets EN60335-1 OVC II & OVC III Class II	5.000x3.000x1.000 (Baseplate) 5.090x3.300x1.000 (Cover)
	CFM400S  	400W	80~264V	12V, 18V, 24V, 36V, 48V, 54V	94%	Altitude 5000m Meets EN60335-1 Class I	5.000x3.000x1.540 (Baseplate) 5.354x3.425x1.673 (Cover)
	LFM450S  	450W	85~264V	12V, 15V, 24V, 28V, 30V, 36V, 48V, 54V	96%	Low Profile OVC II & OVC III Class I	5.000x3.000x1.000 (Baseplate) 5.090x3.300x1.000 (Cover)
	CFM500S 	500W	80~264V	12V, 18V, 24V, 36V, 48V	94.5%	Altitude 5000m Meets EN60335-1 Class I	5.000x3.000x1.540 (Baseplate) 5.354x3.425x1.673 (Cover)

Class I - Din-rail Type

	Series	Power	Vin	Vout	Eff.	Key Feature	Package / Dimension (inch)
	CFM40C	40W	90~264V	3.3V, 5V, 9V, 12V, 15V, 24V, 30V, 36V, 48V	87%	EN55032 Class B	5.433x2.323x1.894
	CFM60C	60W			88%		







Medical

CB   CE | IEC / EN/UL 60601-1 Edition 3.1
IEC / EN/UL 60601-2 4th Edition







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

Interchangeable Plug (Class II)







Series	Power	Vin	Vout	Eff.	Key Feature	Package / Dimension (inch)
 TR15RAM	15W	90~264V	5V, 12V, 15V, 24V	82%	2MOPP	3.173x1.885x1.704
 TR18RDM 	18W	80~264V	5V, 9V, 12V, 15V, 18V, 24V	87%	2MOPP Altitude 5000m EN60601-1-11 Meets EN60335-1	3.165x1.693x1.453
 TR30RAM	30W	90~264V			2MOPP	4.278x2.440x1.445
 TR30RDM 		80~264V	88%	2MOPP Altitude 5000m EN60601-1-11 Meets EN60335-1	3.807x2.283x1.703	

Desktop Adapter 36W - 220W

Class II

Series	Power	Vin	Vout	Eff.	Key Feature	Package / Dimension (inch)
 TR36M 	36W	80~264V	5V, 9V, 12V, 13.5V, 15V, 18V, 24V, 36V, 48V	89%	2MOPP Altitude 5000m EN60601-1-11 Meets EN60335-1	3.937x1.771x0.886
 TR60M	60W	90~264V	5V, 12V, 15V, 18V, 19V, 24V, 36V, 48V	88%	2MOPP	5.197x2.283x1.201
 TR100M	100W		12V, 15V, 18V, 20V, 24V, 48V	89%		5.591x2.283x1.457

Class I & Class II

Series	Power	Vin	Vout	Eff.	Key Feature	Package / Dimension (inch)
 TR70M 	70W	80~264V	12V, 15V, 18V, 24V, 36V, 48V	91%	2MOPP Altitude 5000m EN60601-1-11	4.724x2.047x1.220
 TR160M 	160W		12V, 24V, 36V, 48V	93%		5.906x2.756x1.496
 TR220M 	220W		12V, 24V, 36V, 48V, 56V	94%		7.087x2.953x1.752





Open-frame 20W - 500W

Class II









Series	Power	Vin	Vout	Eff.	Key Feature	Package / Dimension (inch)
 CFM21	20W	90~264V	3.3V, 5V, 9V, 12V, 15V, 24V	85%	2MOPP Low Profile	2.38x1.60x0.80 (PCB-mount) 3.00x1.60x0.77 (Wafer)
 CFM21M			5V, 9V, 12V, 15V, 24V	86%	2MOPP Low Profile Altitude 5000m	2.53x1.74x0.80 (Encapsulated) 3.00x1.60x0.77 (Screw Terminal)

Open-frame 20W - 500W











Class I

Series	Power	Vin	Vout	Eff.	Key Feature	Package / Dimension (inch)
 CFM40M	40W	90~264V	3.3V, 5V, 9V, 12V, 15V, 24V, 30V, 36V, 48V	88%	2MOPP	3.000x2.000x0.948 (PCB-mount) 3.000x2.000x0.909 (Wafer) 3.200x2.441x1.260 (Cover)
 CFM60M	60W		5V, 12V, 15V, 24V, 48V	90%	2MOPP	4.000x2.000x1.100 (Wafer) 4.606x2.480x1.575 (Cover)
 CFM100M	100W		5V, 7.5V, 9V, 12V, 15V, 18V, 24V, 28V, 36V, 48V	92%		5.000x3.000x1.050 (Wafer)
 CFM150M	150W		12V, 24V, 36V, 48V	93%		

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

Series	Power	Vin	Vout	Eff.	Key Feature	Package / Dimension (inch)
 CFM130M 	130W	80~264V	12V, 18V, 19V, 24V, 36V, 48V	94%	2MOPP Altitude 5000m Class I & Class II	3.000x2.000x1.20 (Open-frame) 3.598x2.000x1.299 (Baseplate) 3.598x2.520x1.358 (Cover)
 CFM200M 	200W	90~264V	12V, 24V, 48V	93.5%	2MOPP Class I & Class II	4.000x2.000x1.480 (Baseplate) 4.606x2.441x1.594 (Cover)
 CFM300M 	300W		12V, 24V, 36V, 48V	94%	2MOPP Class I	5.000x3.000x1.421 (Baseplate) 5.355x3.425x1.591 (Cover)
 CFM500M 	500W	80~264V	12V, 18V, 24V, 36V, 48V	94.5%	2MOPP Altitude 5000m Class I	5.000x3.000x1.540 (Baseplate) 5.354x3.425x1.673 (Cover)

Enclosed (Class I & Class II / Class I)

Series	Power	Vin	Vout	Eff.	Key Feature	Package / Dimension (inch)
 CFM40M	40W	90~264V	3.3V, 5V, 9V, 12V, 15V, 24V, 30V, 36V, 48V	88%	2MOPP Class I	3.000x2.000x0.948 (PCB-mount) 3.000x2.000x0.909 (Wafer) 3.200x2.441x1.260 (Cover)
 CFM60M	60W		5V, 12V, 15V, 24V, 48V	90%	2MOPP Class I	4.000x2.000x1.100 (Wafer) 4.606x2.480x1.575 (Cover)
 CFM130M 	130W	80~264V	12V, 18V, 19V, 24V, 36V, 48V	94%	2MOPP Altitude 5000m Class I & Class II	3.000x2.000x1.20 (Open-frame) 3.598x2.000x1.299 (Baseplate) 3.598x2.520x1.358 (Cover)
 CFM200M 	200W	90~264V	12V, 24V, 48V	93.5%	2MOPP Class I & Class II	4.000x2.000x1.480 (Baseplate) 4.606x2.441x1.594 (Cover)
 CFM300M 	300W		12V, 24V, 36V, 48V	94%	2MOPP Class I	5.000x3.000x1.421 (Baseplate) 5.355x3.425x1.591 (Cover)
 CFM500M 	500W	80~264V	12V, 18V, 24V, 36V, 48V	94.5%	2MOPP Altitude 5000m Class I	5.000x3.000x1.540 (Baseplate) 5.354x3.425x1.673 (Cover)



POWERING YOUR IDEAS

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.tw

Cincon North America

1655 Mesa Verde Ave, Ste 180 Ventura, CA 93003 USA
Tel (805) 639-3350
Fax (805) 639-4101
E-mail info@cincon.com

