



Medical Product Selection Guide

DC-DC Converters

AC-DC Power Supplies

Cincon Electronics



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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 NEW	60W	9~36V 18~75V		•	•	•	•							•	•		93.5%	5000Vac	2.280x1.450x0.500 (Quarter Brick)
CHM150 NEW	150W	18~36V			•	•	•										91%	5000Vac	2.280x2.400x0.520 (Half Brick)



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

Interchangeable Plug (Class II)

Series	Output Power		Input Voltage (VAC/VDC)	Output Voltage (VAC/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 (VAC/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 (VAC/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



Open-frame 20W - 500W

Class II

Series	Output Power		Input Voltage (VAC/VDC)	Output Voltage (VAC/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 (VAC/VDC)										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%	2MOOP	3.000x2.000x0.948 (PCB-mount) 3.000x2.000x0.909 (Wafer) 3.200x2.441x1.260 (Cover)
CFM60M	60W			•	•	•	•		•		•						

Baseplate-cooled Class I & Class II / Class I

Series	Output Power		Input Voltage (VAC/VDC)	Output Voltage (VAC/VDC)										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%	2MOOP 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%	2MOOP Class I	5.000x3.000x1.421 (Baseplate) 5.355x3.425x1.591 (Cover)
CFM500M	500W	600W	80~264VAC			•		•	•	•	•				94.5%	2MOOP Altitude 5000m Class I	5.000x3.000x1.540 (Baseplate) 5.354x3.425x1.673 (Cover)

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

Series	Output Power		Input Voltage (VAC/VDC)	Output Voltage (VAC/VDC)										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%	2MOOP Class I	3.000x2.000x0.948 (PCB-mount) 3.000x2.000x0.909 (Wafer) 3.200x2.441x1.260 (Cover)
CFM60M	60W			•	•	•	•		•		•						
CFM130M	130W	156W	80~264VAC			•		•	•		•	•		19V	94%	2MOOP Altitude 5000m Class I & Class II	3.000x2.000x1.200 (Open-frame) 3.598x2.000x1.299 (Baseplate) 3.598x2.520x1.358 (Cover)
LFM200M	200W	-	85~264VAC 115~370VDC			•	•		•	•	•	•	•	30V	94%	2MOOP Low Profile Class I & Class II	3.090x2.300x1.000 (Cover)
CFM300M	300W	-	90~264VAC			•		•		•	•				94%	2MOOP Class I	5.000x3.000x1.421 (Baseplate) 5.355x3.425x1.591 (Cover)
LFM300M	300W	-	85~264VAC 120~370VDC			•	•		•	•	•	•	•	30V	94%	2MOOP Low Profile Class I & Class II	4.090x2.280x1.000 (Cover)
LFM420M	420W	-		•	•		•	•		•	•	•	•	•	30V	94.5%	2MOOP Low Profile Class I
CFM500M	500W	600W	80~264VAC			•		•	•	•	•				95%	2MOOP Altitude 5000m Class I	5.000x3.000x1.540 (Baseplate) 5.354x3.425x1.673 (Cover)
LFM550M	550W	-	85~264VAC 115~370VDC			•	•		•	•	•	•	•	30V	94%	2MOOP Low Profile Class I & Class II	5.090x3.290x1.000 (Cover)
LFM750M	750W	-		•	•		•	•		•	•	•	•	30V	94%		



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