

CINCON ELECTRONICS

DC-DC CONVERTERS



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Railway

DC-DC CONVERTERS



CB IEC/UL 62368-1 | IEC/UL 60950-1 | EN 50155: 2017 | EN 45545-2

DIP24 Package 8W & 10W

Series	Output Power	Input Voltage	Output Voltage	Eff.	Isolation Voltage	Package / Dimension (inch)
EC6AW	8W	9~36V, 18~75V	3.3V, 5V, 12V, 15V, ±5V, ±12V, ±15V	Up to 86%	1500Vdc	1.25x0.80x0.40 (DIP24) 1.25x0.80x0.45 (SMD24)
EC6AW-110S	10W	43~160V	5V, 12V, 15V, ±12V, ±15V	Up to 88.5%	3000Vdc	1.25x0.80x0.50 (DIP24)
EC7AW18 NEW		8.5~160V		5V, 12V, 15V, ±5V, ±12V, ±15V	Up to 86%	

2"x1" Package 20W & 40W

Series	Output Power	Input Voltage	Output Voltage	Eff.	Isolation Voltage	Package / Dimension (inch)
EC7BW	20W	9~36V, 18~75V	3.3V, 5V, 12V, 15V, ±5V, ±12V, ±15V	Up to 90%	1500Vdc	2.00x1.00x0.40 (DIP)
EC7BW-110		43~160V	5V, 12V, 15V, ±12V, ±15V		3000Vdc	
EC7BW18 NEW		8.5~160V	5V, 12V, 15V, ±12V, ±15V, ±24V		Reinforced 3000Vac	
ECB40W18 NEW	40W	43~160V	5V, 12V, 15V, 24V, 54V	Up to 89%	3000Vdc	2.00x1.00x0.50 (DIP)
ECLB40W-110			3.3V, 5V, 12V, 15V, ±12V, ±15V, ±24V	Up to 91%		

Quarter Brick Package 50W-150W

Series	Output Power	Input Voltage	Output Voltage	Eff.	Isolation Voltage	Package / Dimension (inch)
CQB50W8 NEW	50W	9~75V	12V, 15V, 24V, 28V, 48V	Up to 91%	Reinforced 3000Vac	2.28x1.45x0.50 (Quarter Brick)
CQB50W12		14~160V	5V, 12V, 24V, 48V	Up to 89%	3000Vdc	
CQB60W-110S	60W	43~160V	5V, 12V, 15V, 24V, 28V, 48V	Up to 92%	Reinforced 3000Vac	
CQB75W8 NEW	75W	9~75V	12V, 15V, 24V, 28V, 48V	Up to 90%		
CQB100-110S	100W	66~160V	3.3V, 5V, 12V, 24V	Up to 93%	2250Vdc	
CQB100W-110S		43~160V	5V, 12V, 15V, 24V, 28V, 48V	Up to 92%	3000Vdc	
CQB100W14 NEW		12~160V	5V, 12V, 15V, 24V, 28V, 54V	Up to 89%	Reinforced 3000Vac	
CQB150W	150W	9~36V, 18~75V	5V, 12V, 15V, 24V, 28V, 48V	Up to 92%	2250Vdc	
CQB150W-110S		43~160V	3.3V, 5V, 12V, 15V, 24V, 28V, 48V		3000Vdc	

Half Brick Package 100W-300W

Series	Output Power	Input Voltage	Output Voltage	Eff.	Isolation Voltage	Package / Dimension (inch)
CHB100-110S	100W	66~160V	12V, 15V, 24V, 48V	Up to 89%	Reinforced 3000Vac	2.28x2.40x0.50 (Half Brick)
CHB150-110S	150W		5V, 12V, 24V	Up to 92.5%	2250Vdc	
CHB150W12 NEW		14~160V	5V, 12V, 15V, 24V, 48V	Up to 91%	Reinforced 3000Vac	
CHB200W-110S		43~160V	5V, 12V, 24V, 28V, 48V		3000Vdc	
CHB200W12 NEW	200W	14~160V	12V, 15V, 24V, 48V	Up to 90%	Reinforced 3000Vac	
CHB300W-110S	300W	43~160V	3.3V, 5V, 12V, 24V, 28V, 48V	Up to 91%	3000Vdc	

Full Brick Package 600W

Series	Output Power	Input Voltage	Output Voltage	Eff.	Isolation Voltage	Package / Dimension (inch)
CFB600W-110S	600W	43~160V	12V, 24V, 28V, 48V	Up to 88%	2250Vdc	4.60x2.40x0.50 (Full Brick)











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Chassis Mount Module 20W-600W

Series	Output Power	Input Voltage	Output Voltage	Eff.	Isolation Voltage	Package / Dimension (inch)
 EC7BW18-72S/D-ECRT  EC7BW18-72S/D-EDRT NEW	20W	10~160V	5V, 12V, 15V, ±12V, ±15V, ±24V	Up to 88%	Reinforced 3000Vac	4.45x2.33x0.85 (ECRT) 4.45x2.33x1.43 (EDRT)
 CQB50W12-72SXX-CMFC(D) NEW	30-50W	14~160V	5V, 12V, 24V, 48V	Up to 89%	3000Vdc	4.60x2.40x1.26 (CMFC) 4.60x2.49x1.35 (CMFD)
 CQB50W8-36SXX-CMFC(D) NEW	50W	9.5~75V	12V, 15V, 24V, 28V, 48V	Up to 90%	Reinforced 3000Vac	4.60x2.40x1.46 (CMFC) 4.60x2.49x1.46 (CMFD)
 CQB75W8-36SXX-CMFC(D) NEW	75W					
 CQB100W-110SXX-CMFC(D) NEW	100W	43~160V	5V, 12V, 15V, 24V, 28V, 48V	Up to 91%	3000Vdc	4.60x2.40x1.26 (CMFC) 4.60x2.49x1.35 (CMFD)
 CQB150W-110SXX-CMFC(D)	150W		3.3V, 5V, 12V, 15V, 24V, 28V, 48V			
 CHB200W-110SXX-CMFC(D) NEW	200W		5V, 12V, 24V, 28V, 48V	Up to 90.5%		
 CHB300W-110SXX-CMFC(D)	300W	3.3V, 5V, 12V, 24V, 28V, 48V				
 CFB600W-110SXX CMFD	600W		12V, 24V, 28V, 48V	Up to 88%	2250Vdc	9.45x4.33x1.65 (CMFD)




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Ultra-wide Input Range 20W-200W


8:1 Input Range

Series	Output Power	Input Voltage	Output Voltage	Eff.	Isolation Voltage	Package / Dimension (inch)
 CQB50W8 NEW	50W	9~75V	12V, 15V, 24V, 28V, 48V	Up to 91%	Reinforced 3000Vac	2.28x1.45x0.50 (Quarter Brick)
 CQB75W8 NEW	75W					
 CHB150W8	150W			Up to 90%	1500Vdc	2.28x2.40x0.50 (Half Brick)




12:1 Input Range

Series	Output Power	Input Voltage	Output Voltage	Eff.	Isolation Voltage	Package / Dimension (inch)
 CQB50W12	50W	14~160V	5V, 12V, 24V, 48V	Up to 89%	3000Vdc	2.28x1.45x0.50 (Quarter Brick)
 CHB150W12 NEW	150W		5V, 12V, 15V, 24V, 48V	Up to 90%	Reinforced 3000Vac	2.28x2.40x0.50 (Half Brick)
 CHB200W12 NEW	200W		12V, 15V, 24V, 48V			

14:1 Input Range

Series	Output Power	Input Voltage	Output Voltage	Eff.	Isolation Voltage	Package / Dimension (inch)
 CQB100W14 NEW	100W	12~160V	5V, 12V, 15V, 24V, 28V, 54V	Up to 89%	Reinforced 3000Vac	2.28x1.45x0.50 (Quarter Brick)

18:1 Input Range

Series	Output Power	Input Voltage	Output Voltage	Eff.	Isolation Voltage	Package / Dimension (inch)
 EC7AW18 NEW	10W	8.5~160V	5V, 12V, 15V, ±5V, ±12V, ±15V	Up to 86%	Reinforced 3000Vac	1.25x0.80x0.50 (DIP24)
 EC7BW18 NEW	20W		5V, 12V, 15V, ±12V, ±15V, ±24V	Up to 90%		2.00x1.00x0.40 (DIP)
 ECB40W18 NEW	40W		5V, 12V, 15V, 24V, 54V	Up to 89%		2.00x1.00x0.50 (DIP)

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

Series	Output Power	Input Voltage	Output Voltage	Eff.	Package / Dimension (inch)
EC5A	0.666~2A	4.7~6V, 9~32V, 16~32V, 19~32V	3.3V, 5V, 12V, 15V	Up to 94%	1.25x0.80x0.40 (DIP) 1.25x0.80x0.45 (SMD)
SMT05-12	5A	8.3~14V	0.75~5V	Up to 92%	0.80x0.450x0.24

SIP Package 1W-2W Unregulated

Series	Output Power	Input Voltage	Output Voltage	Eff.	Isolation Voltage	Package / Dimension (inch)
EC1TAN	1W	4.5~5.5V, 10.8~13.2V, 21.6~26.4V	5V, 12V, 15V	Up to 82%	1000Vdc	0.46x0.24x0.40 (SIP4) 0.46x0.30x0.40 (SIP4)
EC1SAN			5V, 12V, 15V, ±5V, ±12V, ±15V	Up to 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			Up to 86%	1000Vdc	0.77x0.28x0.40(SIP7)
EC2SANH NEW				Up to 88%	3000Vdc	

SIP Package 2W-10W Regulated

Series	Output Power	Input Voltage	Output Voltage	Eff.	Isolation Voltage	Package / Dimension (inch)
EC2SA	2W	4.5~9V, 9~18V, 18~36V, 36~75V	3.3V, 5V, 12V, 15V, ±5V, ±12V, ±15V	Up to 84%	1500Vdc	0.86x0.36x0.44 (SIP8)
EC3SA	3W			Up to 86%		
EC3SAW NEW		Up to 85%				
EC3SAWH NEW		Up to 85%	3000Vdc			
EC4SAW NEW	6W	9~36V, 18~75V		Up to 89%	1500Vdc	
EC4SAWH NEW				3000Vdc		
EC5SAW	10W		3.3V, 5V, 12V, 15V, ±5V, ±12V, ±15V	Up to 89.5%	3000Vdc	0.87x0.37x0.47 (SIP8)

DIP24 / SMD24 Package 3W-15W


Series	Output Power	Input Voltage	Output Voltage	Eff.	Isolation Voltage	Package / Dimension (inch)
EC3A	3W	4.5~6V, 9~18V, 18~36V, 36~72V	3.3V, 5V, 12V, 15V, ±5V, ±12V, ±15V	Up to 82%	500Vdc 1500Vdc 3000Vdc	1.25x0.80x0.40 (DIP24) 1.25x0.80x0.45 (SMD24)
EC3AB		9~18V, 18~36V, 36~72V		Up to 80%		1.25x0.80x0.50 (DIP24) 1.25x0.80x0.55 (SMD24)
EC3A-E		4.5~9V, 9~18V, 18~36V, 36~72V		Up to 87%		1.25x0.80x0.40 (DIP24) 1.25x0.80x0.45 (SMD24) 1.25x0.80x0.41 (SMD24)
EC3AW		9~36V, 18~72V		Up to 77%		
EC3AE		5V, 12V, 24V, 28V, 48V	5V, 12V, 15V, ±12V, ±15V	Up to 61%	500Vdc	1.25x0.80x0.40 (DIP24) 1.25x0.80x0.45 (SMD24)
EC4A	6W	9~18V, 18~36V, 36~72V	3.3V, 5V, 12V, 15V, ±5V, ±12V, ±15V	Up to 84%	500Vdc 1500Vdc 3000Vdc	1.25x0.80x0.50 (DIP24) 1.25x0.80x0.55 (SMD24)
EC4AB				Up to 87%		1.25x0.80x0.40 (DIP24) 1.25x0.80x0.45 (SMD24) 1.25x0.80x0.41 (SMD24)
EC4A-E				Up to 83%		1.25x0.80x0.40 (DIP24) 1.25x0.80x0.45 (SMD24)
EC4AW		9~36V, 18~72V	6000Vdc	1.25x0.80x0.40 (DIP24)		
EC4AW-H6	5-6W		5V, 12V, +/-12V, +/-15V	Up to 85%	6000Vdc	1.25x0.80x0.40 (DIP24)
EC6A	7.5W	9~18V, 18~36V, 36~72V	3.3V, 5V, 12V, 15V, ±5V, ±12V, ±15V	Up to 87%	1500Vdc	1.25x0.80x0.40 (DIP24) 1.25x0.80x0.45 (SMD24)
EC6AW	8W	9~36V, 18~75V		Up to 86%		
EC6AW-110		43~160V		Up to 88.5%		
EC7A	10W	9~18V, 18~36V, 36~75V	2.5V, 3.3V, 5V, 12V, 15V, ±12V, ±15V	Up to 89%	1500Vdc	1.25x0.80x0.40 (DIP24) 1.25x0.80x0.45 (SMD24)
EC7AW NEW		9~36V, 18~74V	3.3V, 5V, 12V, 15V, ±12V, ±15V	Up to 89%	3000Vdc	1.25x0.80x0.40 (DIP24)
EC7AW18 NEW		8.5~160V	5V, 12V, 15V, ±5V, ±12V, ±15V	Up to 86%	Reinforced 3000Vac	1.25x0.80x0.50 (DIP24)
EC8AW		15W	9~36V, 18~75V	3.3V, 5V, 12V, 15V, ±12V, ±15V	Up to 90%	1500Vdc

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1"x1" Package 10W-30W

Series	Output Power	Input Voltage	Output Voltage	Eff.	Isolation Voltage	Package / Dimension (inch)
	EC2SB	4.7~9V, 9~18V, 18~36V, 36~75V	3.3V, 5V, 12V, 15V, ±5V, ±12V, ±15V	Up to 87%	1500Vdc	1.00x1.00x0.40 (DIP) 1.00x1.00x0.36 (SMD)
	EC2SBW	9~36V, 18~75V		Up to 86%		1.00x1.00x0.40 (DIP)
	EC3SB	9~18V, 18~36V, 36~75V		Up to 90%		1.00x1.00x0.40 (DIP) 1.00x1.00x0.36 (SMD)
	EC3SBW			Up to 88%		1.00x1.00x0.40 (DIP)
	EC4SBW	9~36V, 18~75V		Up to 90.5%		
	EC5SBW	30W		Up to 90%		

2"x1" Package 10W-75W

Series	Output Power	Input Voltage	Output Voltage	Eff.	Isolation Voltage	Package / Dimension (inch)
	EC4BE	9~18V, 18~36V, 36~72V	5V, 12V, 15V, ±5V, ±12V, ±15V	Up to 82%	500Vdc	2.00x1.00x0.40 (DIP)
	EC4BU	4.7~9V, 9~18V, 18~36V, 36~75V		Up to 87%	1500Vdc	
	EC4BW	9~36V, 18~72V		Up to 82%	500Vdc	
	EC5BU	9~18V, 18~36V, 36~75V	3.3V, 5V, 12V, 15V, ±5V, ±12V, ±15V	Up to 90%	1500Vdc	
	EC5BE	9~18V, 18~36V, 36~72V		Up to 83%	500Vdc	
	EC5BW	9~36V, 18~75V		Up to 88%		
	EC7B	9~18V, 18~36V, 36~75V	1.8V, 2.5V, 3.3V, 5V, 12V, 15V, ±12V, ±15V	Up to 90%	1500Vdc	
	EC7BW	9~36V, 18~75V	3.3V, 5V, 12V, 15V, ±5V, ±12V, ±15V			
	EC7BW-110	43~160V	5V, 12V, 15V, ±12V, ±15V		3000Vdc	
	EC7BW18 NEW	8.5~160V	5V, 12V, 15V, ±12V, ±15V, ±24V		Reinforced 3000Vac	
	EC9BW	30W	9~36V, 18~75V	3.3V, 5V, 12V, 15V, ±12V, ±15V	Up to 92%	1500Vdc
	ECB40W18 NEW	8.5~160V	5V, 12V, 15V, 24V, 54V	Up to 89%	Reinforced 3000Vac	2.00x1.00x0.50 (DIP)
	ECLB40W	40W	9~36V, 18~75V	3.3V, 5V, 12V, 15V, ±12V, ±15V	Up to 91%	1500Vdc
	ECLB40W-110		43~160V	3.3V, 5V, 12V, 15V, ±12V, ±15V, ±24V		3000Vdc
	ECLB60W	60W	9~36V, 18~75V	3.3V, 5V, 12V, 15V, ±12V, ±15V	Up to 92%	1500Vdc
	ECLB75W NEW	75W	9~36V, 18~75V	5V, 12V, 15V, ±12V, ±15V, ±24V	Up to 92.5%	2250Vdc





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2"x1.6" & 2"x2" Package 15W-40W

Series	Output Power	Input Voltage	Output Voltage	Eff.	Isolation Voltage	Package / Dimension (inch)
 EC5C	15W	9~36V, 18~72V	3.3V, 5V, 12V, 15V, 5/±12V, 5/±15V, ±5V, ±12V, ±15V	Up to 84%	500Vdc	2.00x2.00x0.40 (DIP)
 EC15C	20W		3.3V, 5V, 12V, 15V, ±5V, ±12V, ±15V		1500Vdc	2.00x1.60x0.45 (DIP)
 EC6C	30W	9~18V, 18~36V, 36~72V	3.3V, 5V, 12V, 15V, 5/±12V, 5/±15V, ±5V, ±12V, ±15V	Up to 88%	500Vdc	2.00x2.00x0.40 (DIP)
 EC7C	40W	9~18V, 18~36V, 36~75V	2.5V, 3.3V, 5V, 12V, 15V, 3.3/5V, 3.3/±12V, 3.3/±15V, 5/±12V, 5/±15V, ±12V, ±15V	Up to 93%	1500Vdc	

Quarter Brick Package 50W-200W

Series	Output Power	Input Voltage	Output Voltage	Eff.	Isolation Voltage	Package / Dimension (inch)
 CQE50W	50W	9~36V, 18~75V	3.3V, 5V, 12V, 15V, 24V, 48V	Up to 92%	1500Vdc	2.28x1.45x0.50 (Quarter Brick)
 CQB50W8 NEW		9~75V	12V, 15V, 24V, 28V, 48V	Up to 91%	Reinforced 3000Vac	
 CQB50W12		14~160V	5V, 12V, 24V, 48V	Up to 89%	3000Vdc	
 CQB60W-110S	60W	43~160V	5V, 12V, 15V, 24V, 28V, 48V	Up to 92%	3000Vdc	
 CQB75W	75W	9~36V, 18~75V	3.3V, 5V, 12V, 15V, 24V	Up to 87%	1500Vdc	
 CQB75W8 NEW		9~75V	12V, 15V, 24V, 28V, 48V	Up to 90%	Reinforced 3000Vac	
 CQB75-300S NEW		180~425V	3.3V, 5V, 12V, 15V, 24V, 48V			
 CQB100-110S	100W	66~160V	3.3V, 5V, 12V, 24V	Up to 93%	2250Vdc	
 CQB100W		9~36V, 18~75V	3.3V, 5V, 12V, 15V, 24V	Up to 88%	1500Vdc	
 CQB100W-110S		43~160V	5V, 12V, 15V, 24V, 28V, 48V	Up to 92%	3000Vdc	
 CQB100W 14 NEW		12~160V	5V, 12V, 15V, 24V, 28V, 54V	Up to 89%	Reinforced 3000Vac	
 CQB150-300S		180~425V	5V, 12V, 15V, 24V, 28V, 48V			
 CQB150W	150W	9~36V, 18~75V	5V, 12V, 15V, 24V, 28V, 48V		2250Vdc	
 CQB150W-110S	43~160V	3.3V, 5V, 12V, 15V, 24V, 28V, 48V	Up to 92%	3000Vdc		
 CQB200 NEW	200W	18~36V	24V, 28V		2250Vdc	

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Half Brick Package 50W-350W

Series	Output Power	Input Voltage	Output Voltage	Eff.	Isolation Voltage	Package / Dimension (inch)	
	CHB50	50W	9~18V, 18~36V, 36~75V	3.3V, 5V, 12V, 15V, 24V	Up to 89%	1500Vdc	2.28x2.40x0.50 (Half Brick)
	CHB50W		9~36V, 18~75V	3.3V, 5V, 12V, 15V, 24V, 28V, 48V	Up to 87%		
	CHB75	75W	9~18V, 18~36V, 36~75V	3.3V, 5V, 12V, 15V, 24V	Up to 89%		
	CHB75W		9~36V, 18~75V	3.3V, 5V, 12V, 15V, 24V, 28V, 48V	Up to 85%		
	CHB100	100W	18~36V, 36~75V	3.3V, 5V, 12V, 15V, 24V	Up to 89%		
	CHB100W		9~36V, 18~75V	3.3V, 5V, 12V, 15V, 24V, 28V, 48V			
	CHB150	150W	36~75V	3.3V, 5V, 12V, 15V, 24V			
	CHB100-110S	100W	66~160V	12V, 15V, 24V, 48V	Up to 89%	Reinforced 3000Vac	2.28x2.40x0.50 (Half Brick)
	CHB150-110S	150W		5V, 12V, 24V	Up to 92.5%	2250Vdc	
	CHB150W		9~36V, 18~75V	3.3V, 5V, 12V, 15V, 24V, 28V, 48V	Up to 91%	1500Vdc	2.28x2.40x0.52 (Half Brick)
	CHB150W8		9~75V	12V, 15V, 24V, 28V, 48V	Up to 90%		2.28x2.40x0.50 (Half Brick)
	CHB150W12 		14~160V	5V, 12V, 15V, 24V, 48V	Up to 91%	Reinforced 3000Vac	2.28x2.40x0.50 (Half Brick)
	CHB200W-110S	200W	43~160V	5V, 12V, 24V, 28V, 48V		3000Vdc	2.28x2.40x0.50 (Half Brick)
	CHB200W		10~36V, 18~75V	3.3V, 5V, 12V, 15V, 24V, 28V, 48V	Up to 89%	1500Vdc	2.28x2.40x0.52 (Half Brick)
	CHB200W12 		14~160V	12V, 15V, 24V, 48V	Up to 90%	Reinforced 3000Vac	
	CHB300-300S	300W	180~425V	5V, 12V, 24V, 28V, 48V	Up to 90%		2.28x2.40x0.50 (Half Brick)
	CHB300W-110S		43~160V	3.3V, 5V, 12V, 24V, 28V, 48V	Up to 91%	3000Vdc	
	CHB300W		9~36V, 18~75V	5V, 12V, 15V, 24V, 28V, 48V	Up to 92%		
	CHB350		350W	18~36V, 36~75V	3.3V, 5V, 12V, 24V, 28V, 48V	Up to 92.5%	

















Full Brick Package 400W-800W

Series	Output Power	Input Voltage	Output Voltage	Eff.	Isolation Voltage	Package / Dimension (inch)	
	CFB400W	400W	9~36V, 18~75V	5V, 12V, 24V, 28V, 48V	Up to 90%	1500Vdc	4.60x2.40x0.50 (Full Brick)
	CFB600	600W	18~36V, 36~75V	12V, 24V, 28V, 32V, 48V	Up to 92%		
	CFB600-300S		180~425V	12V, 24V, 48V	Up to 91%	Reinforced 3000Vac	
	CFB600W-110S		43~160V	12V, 24V, 28V, 48V	Up to 88%	2250Vdc	
	CFB750-300S	750W	200~425V	12V, 15V, 24V, 28V, 36V, 48V	Up to 91%	Reinforced 3000Vac	
	CFB800 	800W	18~36V	28V	Up to 90%	1500Vdc	





High Input Voltage 75W-750W

Series		Output Power	Input Voltage	Output Voltage	Eff.	Isolation Voltage	Package / Dimension (inch)	
	CQB75-300S NEW	75W	180~425V	3.3V, 5V, 12V, 15V, 24V, 48V	Up to 90%	Reinforced 3000Vac	2.28x1.45x0.50 (Quarter Brick)	
	CQB150-300S	150W		5V, 12V, 15V, 24V, 28V, 48V	Up to 89%			
	CHB300-300S	300W		5V, 12V, 24V, 28V, 48V	Up to 90%			2.28x2.40x0.50 (Half Brick)
	CFB600-300S	600W		12V, 24V, 48V	Up to 91%			4.60x2.40x0.50 (Full Brick)
	CFB750-300S	750W	200~425V	12V, 15V, 24V, 28V, 36V, 48V				

Chassis Mount / Din Rail 20W-750W

Series		Output Power	Input Voltage	Output Voltage	Eff.	Isolation Voltage	Package / Dimension (inch)	
	EC7BW18-72S/D-ECRT NEW	20W	10~160V	5V, 12V, 15V, ±12V, ±15V, ±24V	Up to 88%	Reinforced 3000Vac	4.45x2.33x0.85 (ECRT)	
	EC7BW18-72S/D-EDRT						4.45x2.33x1.43 (EDRT)	
	CQB50W12-72SXX-CMFC(D)	30-50W	14~160V	5V, 12V, 24V, 48V	Up to 89%	3000Vdc	4.60x2.40x1.26 (CMFC) 4.60x2.49x1.35 (CMFD)	
	CQB50W8-36SXX-CMFC(D) NEW	50W	9.5~75V	12V, 15V, 24V, 28V, 48V	Up to 90%	Reinforced 3000Vac	4.60x2.40x1.46 (CMFC)	
	CQB75W8-36SXX-CMFC(D) NEW						75W	4.60x2.49x1.46 (CMFD)
	CQB75-300SXX-CMFC(D) NEW						180~450V	4.60x2.40x1.26 (CMFC) 4.60x2.49x1.35 (CMFD)
	CHB/CHE50-100W-CM/DIN	33-100W	9~36V, 18~75V	3.3V, 5V, 12V, 15V, 24V, 28V, 48V	Up to 93%	1500Vdc	4.61x2.54x1.03	
	CQB100W-110SXX-CMFC(D) NEW	100W	43~160V	5V, 12V, 15V, 24V, 28V, 48V	Up to 91%	3000Vdc	4.60x2.40x1.26 (CMFC) 4.60x2.49x1.35 (CMFD)	
	CQB/CQE50-150W-CM/DIN	33-150W	9~36V, 18~75V, 43~160V, 66~160V	3.3V, 5V, 12V, 15V, 24V, 28V, 48V	Up to 92%	1500Vdc 2250Vdc 3000Vdc	4.41x1.57x1.98	
	CQB150-300SXX-CMFC(D)						150W	180~425V
	CQB150W-110SXX-CMFC(D)	4.60x2.49x1.35 (CMFD)						
	CHB200W-110SXX-CMFC(D) NEW	200W	43~160V	5V, 12V, 24V, 28V, 48V	Up to 90.5%	3000Vdc	6.50x3.00x1.52 (CMFC)	
	CHB300-300SXX-CMFC(D)						300W	6.50x3.09x1.57 (CMFD)
	CHB300W-110SXX-CMFC(D)	300W	180~425V	5V, 12V, 24V, 28V, 48V	Up to 90%	Reinforced 3000Vac	6.50x3.00x1.52 (CMFC)	
	CHB300W-110SXX-CMFC(D)						6.50x3.09x1.57 (CMFD)	
	CFB600W-110SXX-CMFD	600W	43~160V	12V, 24V, 28V, 48V	Up to 88%	2250Vdc	9.45x4.33x1.65	
	CFB750-300SXX-CMFD NEW	750W		200~425V	12V, 15V, 24V, 28V, 36V, 48V	Up to 90%		Reinforced 3000Vac

EMI Filter

Series	Output Power	Input Voltage	Feature	Package / Dimension (inch)	
	FM05D	5A	200V	2.28x1.45x0.50	
	FM10D	10A		Input 200V Max.	2.28x2.40x0.97
	FM10/20	10A / 20A	75V	Input 75V Max.	2.00x1.00x0.46 2.00x1.60x0.50
	FM30R	30A	80V	Input 80V Max.	2.28x1.45x0.50

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