



Railway Product Selection Guide

DC-DC Converters

Cincon Electronics





Powering Your Ideas











www.cincon.com




















DIP24 Package 8W & 10W

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					
 EC6AW	8W	9~36V 18~75V	•	•	•	•								•	•	•	86%	1500Vdc	1.25x0.80x0.40 (DIP24) 1.25x0.80x0.45 (SMD24)
EC6AW-110	10W	43~160V															89%	3000Vdc	1.25x0.80x0.50 (DIP24)
 EC7AW18		8.5~160V		•	•	•									•	•	•	88%	

1"x1" & 2"x1" Package 20W & 40W

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						
 EC4SBW18  	20W	8.5~160V		•	•	•	•								•	•	88%	Reinforced 3000Vac	1.00x1.00x0.40 (DIP)	
 EC7BW		9~36V 18~75V	•	•	•	•									•	•	•	90%	1500Vdc	2.00x1.00x0.40 (DIP)
EC7BW-110		43~160V		•	•	•										•	•		3000Vdc	
 EC7BW18 	40W	8.5~160V		•	•	•									•	•	•	Reinforced 3000Vac	2.00x1.00x0.50 (DIP)	
 ECB40W18  		43~160V	•	•	•	•			•	•										91%
 ECLB40W-110		8.5~160V		•	•	•										•	•	•	91%	3000Vdc

Quarter Brick Package 50W-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							
 CQB50W8 	50W	9~75V			•	•	•	•	•									91%	Reinforced 3000Vac	2.28x1.45x0.50 (Quarter Brick)	
CQB50W12 		14~160V		•	•		•		•									89%	3000Vdc		
CQB60W-110S	60W	43~160V		•	•	•	•	•	•									92%	3000Vdc		
 CQB75W8 	75W	9~75V			•	•	•	•	•									90%	Reinforced 3000Vac		
 CQB75W14  		12~160V		•	•	•	•	•	•		•							91%			
 CQB100W14  	100W	12~160V		•	•	•	•	•	•		•							89%	3000Vdc		
CQB100W-110S		43~160V		•	•	•	•	•	•	•								92%			
CQB150W	150W	9~36V 18~75V		•	•	•	•	•	•									92%	2250Vdc		
 CQB150W8  		9~75V		•	•	•	•	•	•	•									90%		Reinforced 3000Vac
 CQB150W14  		12~160V		•	•	•	•	•	•	•		•									
CQB150W-110S		43~160V	•	•	•	•	•	•	•	•									92%	3000Vdc	



Half Brick Package 100W-300W

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					
CHB100-110S	100W	66~160V			•	•	•										89%	Reinforced 3000Vac	2.28x2.40x0.50 (Half Brick)
CHB150W12	150W	14~160V		•	•	•	•	•								91%			
CHB200W-110S	200W	43~160V		•	•		•	•	•										
CHB200W12		14~160V			•	•	•	•	•							90%			
CHB300W-110S	300W	43~160V	•	•	•		•	•	•							91%	3000Vdc		

Full Brick Package 600W

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					
CFB600W-110S	600W	43~160V			•		•	•	•								88%	2250Vdc	4.60x2.40x0.50 (Full Brick)

Chassis Mount Module 10W-600W

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						
EC7AW18-72S/D	10W	10~160V		•	•	•							•	•	•		86%	Reinforced 3000Vac	4.00x2.14x0.80 (ECRT)	
EC7BW18-72S/D	20W			•	•	•								•	•	•			88%	4.45x2.33x0.85 (ECRT)
ECB40W18-ECRT/EDRT NEW	40W		•	•	•	•		•	•								89%		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)
CQB50W8-36SXX-CMFC(D)	50W	9.5~75V			•	•	•	•	•								90%		4.60x2.40x1.46 (CMFC)	
																			4.60x2.49x1.35 (CMFD)	
CRT60W12 NEW	60W	14.4~160V			•		•		•								92%	Reinforced 3000Vac	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)
CRT100W12 NEW	100W	14.4~160V			•		•		•								92%			5.09x2.28x1.35 (EC)
																				5.09x2.28x1.93 (ED)
CQB100W-110SXX-CMFC(D)	150W	43~160V		•	•	•	•	•	•								91%	3000Vdc	4.60x2.40x1.26 (CMFC)	
CQB150W-110SXX-CMFC(D)		•	•	•	•	•	•	•	•										4.60x2.49x1.35 (CMFD)	
CHB200W 12-CMFD NEW	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 NEW	300W	14.4~160V			•		•		•								94%	Reinforced 3000Vac	8.27x3.2x1.33	
CHB300W-110SXX-CMFC(D)		•	•	•		•	•	•									90.5%	3000Vdc	6.50x3.00x1.52 (CMFC)	
																6.50x3.09x1.57 (CMFD)				
CFB600W-110SXX CMFD	600W	43~160V			•		•	•	•								88%	2250Vdc	9.45x4.33x1.65 (CMFD)	



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

