



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 		8.5~160V		•	•	•									•	•	•	Reinforced 3000Vac	
 ECB40W18  	40W			•	•	•	•			•	•						91%	3000Vdc	2.00x1.00x0.50 (DIP)
 ECLB40W-110		43~160V	•	•	•	•									•	•			•

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%		
 CQB 100W14  	100W	12~160V		•	•	•	•	•	•		•						89%	3000Vdc	
CQB100W-110S		43~160V		•	•	•	•	•	•	•							92%		
CQB150W	150W	9~36V 18~75V		•	•	•	•	•	•								92%	2250Vdc	
CQB150W8  		9~75V		•	•	•	•	•	•	•							90%	Reinforced 3000Vac	
CQB 150W14  		12~160V		•	•	•	•	•	•		•								
CQB150W-110S		43~160V	•	•	•	•	•	•	•										92%



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 3000Vdc Reinforced 3000Vac 3000Vdc	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%			

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 ECRT/EDRT	10W	10~160V		•	•	•							•	•	•		86%	Reinforced 3000Vac	4.00x2.14x0.80 (ECRT) 4.00x2.14x1.38 (EDRT)
EC7BW18-72S/D ECRT/EDRT	20W			•	•	•								•	•	•	88%		4.45x2.33x0.85 (ECRT) 4.45x2.33x1.43 (EDRT)
ECB40W18- ECRT/EDRT	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) 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)		
CRT100W12	100W	14.4~160V			•		•		•							92%	3000Vdc	5.09x2.28x1.35 (EC) 5.09x2.28x1.93 (ED)	
CQB100W-110SXX- CMFC(D)		43~160V		•	•	•	•	•	•									91%	4.60x2.40x1.26 (CMFC) 4.60x2.49x1.35 (CMFD)
CQB150W-110SXX- CMFC(D)	150W			•	•	•	•	•	•										
CHB200W 12-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)
CFB600W-110SXX CMFD	600W				•		•	•	•								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

