

CINCON DC-DC Converters



This product is RoHS compliant.



RoHS Compliant

Common Features:

- Isolated Voltage: 1.5k VDC
- Regulated Outputs
- Positive Logic Remote ON/OFF
- Continuous Short Circuit Protection
- Five Sided Metal Case
- Industry Standard Half-Brick Package
- Pi Input Filter
- Thermal Shutdown



CHB50 SERIES, 25-50W SINGLE OUTPUT

Features:

- Efficiency to 85%
- 300KHz Switching Frequency
- 2:1 Input Range



For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Cincon Part No.	Input Voltage	Output Voltage	Output Current	Price Each	
					1	10
418-CHB50-12S25	CHB50-12S25	9-18V	2.5V	10A		
418-CHB50-12S33	CHB50-12S33	9-18V	3.3V	10A		
418-CHB50-12S05	CHB50-12S05	9-18V	5V	10A		
418-CHB50-12S12	CHB50-12S12	9-18V	12V	4.16A		
418-CHB50-12S15	CHB50-12S15	9-18V	15V	3.33A		
418-CHB50-12S24	CHB50-12S24	9-18V	24V	2.08A		
418-CHB50-24S25	CHB50-24S25	18-36V	2.5V	10A		
418-CHB50-24S33	CHB50-24S33	18-36V	3.3V	10A		
418-CHB50-24S05	CHB50-24S05	18-36V	5V	10A		
418-CHB50-24S12	CHB50-24S12	18-36V	12V	4.16A		
418-CHB50-24S15	CHB50-24S15	18-36V	15V	3.33A		
418-CHB50-24S24	CHB50-24S24	18-36V	24V	2.08A		
418-CHB50-48S25	CHB50-48S25	36-75V	2.5V	10A		
418-CHB50-48S33	CHB50-48S33	36-75V	3.3V	10A		
418-CHB50-48S05	CHB50-48S05	36-75V	5V	10A		
418-CHB50-48S12	CHB50-48S12	36-75V	12V	4.16A		
418-CHB50-48S15	CHB50-48S15	36-75V	15V	3.33A		
418-CHB50-48S24	CHB50-48S24	36-75V	24V	2.08A		



CHB50W SERIES, 25-50W SINGLE OUTPUT

Features:

- Efficiency to 84%
- 300KHz Switching Frequency
- 4:1 Input Range



For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Cincon Part No.	Input Voltage	Output Voltage	Output Current	Price Each	
					1	10
418-CHB50W-24S3V3	CHB50W-24S3V3	9-36V	3.3V	10A		
418-CHB50W-24S05	CHB50W-24S05	9-36V	5V	10A		
418-CHB50W-24S12	CHB50W-24S12	9-36V	12V	4.16A		
418-CHB50W-24S15	CHB50W-24S15	9-36V	15V	3.33A		
418-CHB50W-24S24	CHB50W-24S24	9-36V	24V	2.08A		
418-CHB50W-48S3V3	CHB50W-48S3V3	18-75V	3.3V	10A		
418-CHB50W-48S05	CHB50W-48S05	18-75V	5V	10A		
418-CHB50W-48S12	CHB50W-48S12	18-75V	12V	4.16A		
418-CHB50W-48S15	CHB50W-48S15	18-75V	15V	3.33A		
418-CHB50W-48S24	CHB50W-48S24	18-75V	24V	2.08A		



CHB75 SERIES, 37.5-75W SINGLE OUTPUT

Features:

- Efficiency to 85%
- 300KHz Switching Frequency
- 2:1 Input Range



For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Cincon Part No.	Input Voltage	Output Voltage	Output Current	Price Each	
					1	10
418-CHB75-12S25	CHB75-12S25	9-18V	2.5V	15A		
418-CHB75-12S33	CHB75-12S33	9-18V	3.3V	15A		
418-CHB75-12S05	CHB75-12S05	9-18V	5V	15A		
418-CHB75-12S12	CHB75-12S12	9-18V	12V	6.25A		
418-CHB75-12S15	CHB75-12S15	9-18V	15V	5A		
418-CHB75-12S24	CHB75-12S24	9-18V	24V	3.13A		
418-CHB75-24S25	CHB75-24S25	18-36V	2.5V	15A		
418-CHB75-24S33	CHB75-24S33	18-36V	3.3V	15A		
418-CHB75-24S05	CHB75-24S05	18-36V	5V	15A		
418-CHB75-24S12	CHB75-24S12	18-36V	12V	6.25A		
418-CHB75-24S15	CHB75-24S15	18-36V	15V	5A		
418-CHB75-24S24	CHB75-24S24	18-36V	24V	3.13A		
418-CHB75-48S25	CHB75-48S25	36-75V	2.5V	15A		
418-CHB75-48S33	CHB75-48S33	36-75V	3.3V	15A		
418-CHB75-48S05	CHB75-48S05	36-75V	5V	15A		
418-CHB75-48S12	CHB75-48S12	36-75V	12V	6.25A		
418-CHB75-48S15	CHB75-48S15	36-75V	15V	5A		
418-CHB75-48S24	CHB75-48S24	36-75V	24V	3.13A		



CHB75W SERIES, 75W SINGLE OUTPUT

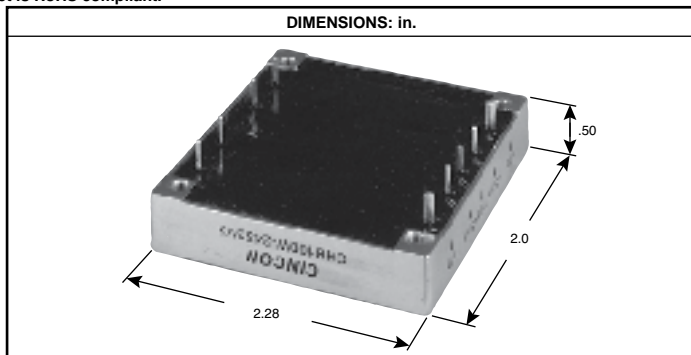
Features:

- Efficiency to 85%
- 300KHz Switching Frequency
- 4:1 Input Range



For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Cincon Part No.	Input Voltage	Output Voltage	Output Current	Price Each	
					1	10
418-CHB75W-48S3V3	CHB75W-48S3V3	18-75V	3.3V	15A		
418-CHB75W-48S05	CHB75W-48S05	18-75V	5V	15A		
418-CHB75W-48S12	CHB75W-48S12	18-75V	12V	6.25A		
418-CHB75W-48S15	CHB75W-48S15	18-75V	15V	5A		



CHB100 SERIES, 50-100W SINGLE OUTPUT

Features:

- Efficiency to 85%
- 500KHz Switching Frequency
- 2:1 Input Range



For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Cincon Part No.	Input Voltage	Output Voltage	Output Current	Price Each	
					1	10
418-CHB100-24S25	CHB100-24S25	18-36V	2.5V	20A		
418-CHB100-24S33	CHB100-24S33	18-36V	3.3V	20A		
418-CHB100-24S05	CHB100-24S05	18-36V	5V	20A		
418-CHB100-24S12	CHB100-24S12	18-36V	12V	8.3A		
418-CHB100-24S15	CHB100-24S15	18-36V	15V	6.7A		
418-CHB100-24S24	CHB100-24S24	18-36V	24V	4.17A		
418-CHB100-48S25	CHB100-48S25	36-75V	2.5V	20A		
418-CHB100-48S33	CHB100-48S33	36-75V	3.3V	20A		
418-CHB100-48S05	CHB100-48S05	36-75V	5V	20A		
418-CHB100-48S12	CHB100-48S12	36-75V	12V	8.3A		
418-CHB100-48S15	CHB100-48S15	36-75V	15V	6.7A		
418-CHB100-48S24	CHB100-48S24	36-75V	24V	4.17A		



CHB100W SERIES, 66-100W SINGLE OUTPUT

Features:

- 4:1 wide input range

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Cincon Part No.	Input Voltage	Output Voltage	Output Current	Price Each		
					1	10	50
418-CHB100W-24S3V3	CHB100W-24S3V3	9-36V	3.3V	20A			
418-CHB100W-24S05	CHB100W-24S05	9-36V	5.0V	20A			
418-CHB100W-24S12	CHB100W-24S12	9-36V	12V	8.3A			
418-CHB100W-24S15	CHB100W-24S15	9-36V	15V	6.7A			
418-CHB100W-24S24	CHB100W-24S24	9-36V	24V	4.17A			
418-CHB100W-48S3V3	CHB100W-48S3V3	18-75V	3.3V	20A			
418-CHB100W-48S05	CHB100W-48S05	18-75V	5.0V	20A			
418-CHB100W-48S12	CHB100W-48S12	18-75V	12V	8.3A			
418-CHB100W-48S15	CHB100W-48S15	18-75V	15V	6.7A			
418-CHB100W-48S24	CHB100W-48S24	18-75V	24V	4.17A			



CHB150W SERIES, 99-150W SINGLE OUTPUT

Features:

- 4:1 wide input range

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Cincon Part No.	Input Voltage	Output Voltage	Output Current	Price Each		
					1	10	50
418-CHB150W-24S3V3	CHB150W-24S3V3	9-36V	3.3V	30A			
418-CHB150W-24S05	CHB150W-24S05	9-36V	5.0V	30A			
418-CHB150W-24S12	CHB150W-24S12	9-36V	12V	12.5A			
418-CHB150W-24S15	CHB150W-24S15	9-36V	15V	10A			
418-CHB150W-24S24	CHB150W-24S24	9-36V	24V	6.5A			
418-CHB150W-48S3V3	CHB150W-48S3V3	18-75V	3.3V	30A			
418-CHB150W-48S05	CHB150W-48S05	18-75V	5.0V	30A			
418-CHB150W-48S12	CHB150W-48S12	18-75V	12V	12.5A			
418-CHB150W-48S15	CHB150W-48S15	18-75V	15V	10A			
418-CHB150W-48S24	CHB150W-48S24	18-75V	24V	6.5A			



CHB350 SERIES, 231-350W SINGLE OUTPUT

Features:

- 4:1 wide input range

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Cincon Part No.	Input Voltage	Output Voltage	Output Current	Price Each		
					1	10	50
418-CHB350-24S3V3	CHB350-24S3V3	18-36V	3.3V	70A			
418-CHB350-24S05	CHB350-24S05	18-36V	5V	70A			
418-CHB350-24S12	CHB350-24S12	18-36V	12V	29.2A			
418-CHB350-24S24	CHB350-24S24	18-36V	24V	14.6A			
418-CHB350-24S28	CHB350-24S28	18-36V	28V	12.5A			
418-CHB350-48S3V3	CHB350-48S3V3	36-75V	3.3V	70A			
418-CHB350-48S05	CHB350-48S05	36-75V	5V	70A			
418-CHB350-48S12	CHB350-48S12	36-75V	12V	29.2A			
418-CHB350-48S24	CHB350-48S24	36-75V	24V	14.6A			
418-CHB350-48S28	CHB350-48S28	36-75V	28V	12.5A			