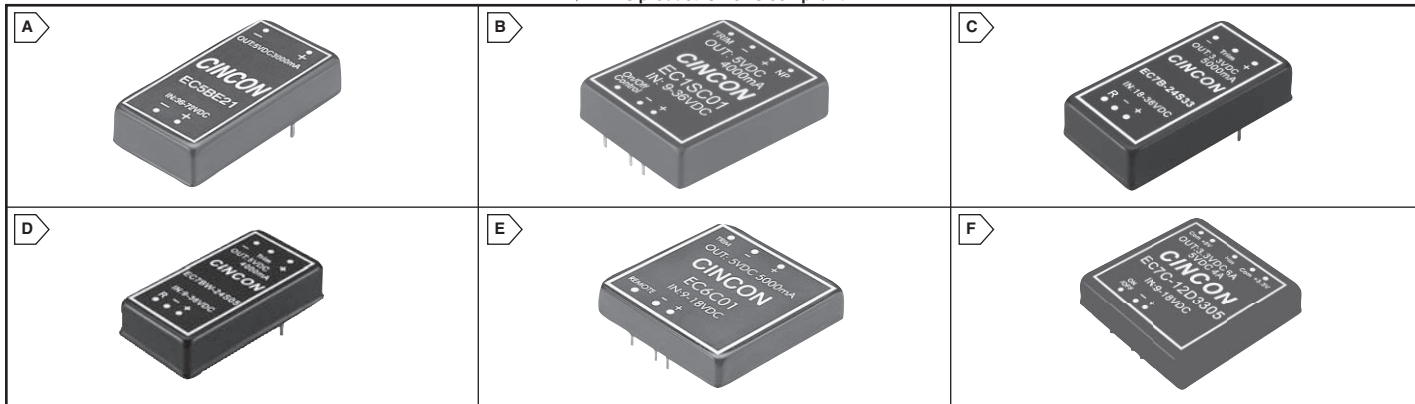


# CINCON DC-DC Converters



RoHS Compliant This product is RoHS compliant.



## EC5BE SERIES, 15W SINGLE AND DUAL OUTPUT

- Features:**
- Isolated Voltage: 500VDC
  - Efficiency to 82%
  - 2:1 Input Range
  - Continuous Short Circuit Protection
  - Meets EN5022 Class A, Conducted
  - Remote ON/OFF
  - Regulated Outputs
  - Pi Input Filter
  - Black Coated Copper w/ Non-Conductive Base



For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Cincon Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Price Each		
						1	10	50
<b>Single Output</b>								
418-EC5BE07	EC5BE07	A	9-18V	3.3V	3A	34.35	32.98	30.92
418-EC5BE01	EC5BE01	A	9-18V	5V	3A	34.35	32.98	30.92
418-EC5BE02	EC5BE02	A	9-18V	12V	1.25A	34.35	32.98	30.92
418-EC5BE17	EC5BE17	A	18-36V	3.3V	3A	34.35	32.98	30.92
418-EC5BE11	EC5BE11	A	18-36V	5V	3A	34.35	32.98	30.92
418-EC5BE12	EC5BE12	A	18-36V	12V	1.25A	34.35	32.98	30.92
418-EC5BE27	EC5BE27	A	36-72V	3.3V	3A	34.35	32.98	30.92
418-EC5BE21	EC5BE21	A	36-72V	5V	3A	34.35	32.98	30.92
418-EC5BE22	EC5BE22	A	36-72V	12V	1.25A	34.35	32.98	30.92
<b>Dual Output</b>								
418-EC5BE06	EC5BE06	A	9-18V	±5V	±1.5A	37.83	36.31	34.04
418-EC5BE04	EC5BE04	A	9-18V	±12V	±.625A	37.83	36.31	34.04
418-EC5BE16	EC5BE16	A	18-36V	±5V	±1.5A	37.83	36.31	34.04
418-EC5BE14	EC5BE14	A	18-36V	±12V	±.625A	37.83	36.31	34.04
418-EC5BE26	EC5BE26	A	36-72V	±5V	±1.5A	37.83	36.31	34.04
418-EC5BE24	EC5BE24	A	36-72V	±12V	±.625A	37.83	36.31	34.04

## EC7BW SERIES, 20W SINGLE OUTPUT

- Features:**
- 1500VDC Isolation
  - 4:1 wide input range
  - Continuous short-circuit protection
  - Regulated outputs



For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Cincon Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Price Each		
						1	10	50
418-EC7BW-24S33	EC7BW-24S33	D	9-36V	3.3V	5.5A	51.04	48.72	46.40
418-EC7BW-24S05	EC7BW-24S05	D	9-36V	5V	4.0A	51.04	48.72	46.40
418-EC7BW-24S12	EC7BW-24S12	D	9-36V	12V	1.67A	51.04	48.72	46.40
418-EC7BW-24S15	EC7BW-24S15	D	9-36V	15V	1.33A	51.04	48.72	46.40
418-EC7BW-48S33	EC7BW-48S33	D	18-75V	3.3V	5.5A	51.04	48.72	46.40
418-EC7BW-48S05	EC7BW-48S05	D	18-75V	5V	4.0A	51.04	48.72	46.40
418-EC7BW-48S12	EC7BW-48S12	D	18-75V	12V	1.67A	51.04	48.72	46.40
418-EC7BW-48S15	EC7BW-48S15	D	18-75V	15V	1.33A	51.04	48.72	46.40

## EC1SC SERIES, 20W SINGLE AND DUAL OUTPUT

- Features:**
- Isolated Voltage: 1.5kVDC
  - Efficiency to 84%
  - 4:1 Input Range
  - Pi Input Filter
  - Continuous Short Circuit Protection
  - Meets EN5022 Class A Conducted
  - Remote ON/OFF Control
  - Black Coated Copper w/Non-Conductive Base



For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Cincon Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Price Each		
						1	10	50
<b>Single Output</b>								
418-EC1SC07	EC1SC07	B	9-36V	3.3V	4A	40.03	38.95	37.87
418-EC1SC01	EC1SC01	B	9-36V	5V	4A	40.03	38.95	37.87
418-EC1SC02	EC1SC02	B	9-36V	12V	1.67A	40.03	38.95	37.87
418-EC1SC17	EC1SC17	B	18-72V	3.3V	4A	40.03	38.95	37.87
418-EC1SC11	EC1SC11	B	18-72V	5V	4A	40.03	38.95	37.87
418-EC1SC12	EC1SC12	B	18-72V	12V	1.67A	40.03	38.95	37.87
<b>Dual Output</b>								
418-EC1SC06	EC1SC06	B	9-36V	±5V	±2A	44.62	43.42	42.21
418-EC1SC04	EC1SC04	B	9-36V	±12V	±.83A	44.62	43.42	42.21
418-EC1SC16	EC1SC16	B	18-72V	±5V	±2A	44.62	43.42	42.21
418-EC1SC14	EC1SC14	B	18-72V	±12V	±.83A	44.62	43.42	42.21

## EC7B SERIES, 20W SINGLE OUTPUT

- Features:**
- Isolated Voltage: 1.5kVDC
  - Efficiency to 90%
  - Fixed Switching Frequency
  - 2:1 Input Range
  - Regulated Outputs
  - Pi input Filter
  - Continuous Short Circuit Protection
  - Black Coated Copper with Non-Conductive Base



For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Cincon Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Price Each		
						1	10	50
418-EC7B-24S18	EC7B-24S18	C	18-36V	1.8V	6A	40.22	39.68	38.61
418-EC7B-24S25	EC7B-24S25	C	18-36V	2.5V	6A	40.22	39.68	38.61
418-EC7B-24S33	EC7B-24S33	C	18-36V	3.3V	5A	40.22	39.68	38.61
418-EC7B-24S05	EC7B-24S05	C	18-36V	5V	4A	40.22	39.68	38.61
418-EC7B-24S12	EC7B-24S12	C	18-36V	12V	1.67A	40.22	39.68	38.61
418-EC7B-24S15	EC7B-24S15	C	18-36V	15V	1.33A	40.22	39.68	38.61
418-EC7B-48S18	EC7B-48S18	C	36-75V	1.8V	6A	40.22	39.68	38.61
418-EC7B-48S25	EC7B-48S25	C	36-75V	2.5V	6A	40.22	39.68	38.61
418-EC7B-48S33	EC7B-48S33	C	36-75V	3.3V	5A	40.22	39.68	38.61
418-EC7B-48S05	EC7B-48S05	C	36-75V	5V	4A	40.22	39.68	38.61
418-EC7B-48S12	EC7B-48S12	C	36-75V	12V	1.67A	40.22	39.68	38.61
418-EC7B-48S15	EC7B-48S15	C	36-75V	15V	1.33A	40.22	39.68	38.61

## EC7C SERIES, 40W SINGLE OUTPUT

- Features:**
- Isolated Voltage: 1.5kVDC
  - Efficiency up to 92%
  - Fixed 350KHz Switching Frequency
  - 2:1 Input Range
  - Regulated Outputs
  - Continuous Short Circuit Protection
  - Six-Sided Metal Case
  - 2"x2" Size
  - Industry Standard Pin-Out
  - Black Coated Copper with Non-Conductive Base



For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Cincon Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Price Each		
						1	10	50
418-EC7C-24S33	EC7C-24S33	F	18-36V	3.3V	8A	68.44	65.33	62.22
418-EC7C-24S05	EC7C-24S05	F	18-36V	5V	8A	68.44	65.33	62.22
418-EC7C-24S12	EC7C-24S12	F	18-36V	12V	3.33A	68.44	65.33	62.22
418-EC7C-24S15	EC7C-24S15	F	18-36V	15V	2.67A	68.44	65.33	62.22
418-EC7C-48S33	EC7C-48S33	F	36-75V	3.3V	8A	68.44	65.33	62.22
418-EC7C-48S05	EC7C-48S05	F	36-75V	5V	8A	68.44	65.33	62.22
418-EC7C-48S12	EC7C-48S12	F	36-75V	12V	3.33A	68.44	65.33	62.22
418-EC7C-48S15	EC7C-48S15	F	36-75V	15V	2.67A	68.44	65.33	62.22