

CINCON DC-DC Converters



EC1SC SERIES, 20W SINGLE AND DUAL OUTPUT

- Isolated Voltage: 1.5kVDC
- Efficiency to 84%
- 4:1 Input Range
- PI Input Filter
- Meets EN55022 Class A Conducted

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

EC5BE SERIES, 15W SINGLE AND DUAL OUTPUT

- Isolated Voltage: 500VDC
- Efficiency to 82%
- 2:1 Input Range
- Meets EN55022 Class A, Conducted
- PI Input Filter

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

EC5BU SERIES, 15W SINGLE AND DUAL OUTPUT

- Isolated Voltage: 1500VDC
- Efficiency to 90%
- 2:1 Input Range
- Conductive EMI Meets EN5502 Class A

MOUSER STOCK NO.	Cincon Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Price Each		
						1	10	50
Single Output								
418-EC5BU-12S33	EC5BU-12S33	B	9-18VDC	3.3V	4000mA	37.31	36.22	35.12
418-EC5BU-12S05	EC5BU-12S05	B	9-18VDC	5V	3000mA	37.31	36.22	35.12
418-EC5BU-12S12	EC5BU-12S12	B	9-18VDC	12V	1250mA	37.31	36.22	35.12
418-EC5BU-12S15	EC5BU-12S15	B	9-18VDC	15V	1000mA	37.31	36.22	35.12
418-EC5BU-24S33	EC5BU-24S33	B	18-36VDC	3.3V	4000mA	37.31	36.22	35.12
418-EC5BU-24S05	EC5BU-24S05	B	18-36VDC	5V	3000mA	37.31	36.22	35.12
418-EC5BU-24S12	EC5BU-24S12	B	18-36VDC	12V	1250mA	37.31	36.22	35.12
418-EC5BU-24S15	EC5BU-24S15	B	18-36VDC	15V	1000mA	37.31	36.22	35.12
418-EC5BU-48S05	EC5BU-48S05	B	36-75VDC	5V	3000mA	37.31	36.22	35.12
Dual Output								
418-EC5BU-12D12	EC5BU-12D12	B	9-18VDC	±12V	±625mA	40.99	39.79	38.59
418-EC5BU-24D12	EC5BU-24D12	B	18-36VDC	±12V	±625mA	40.99	39.79	38.59

EC9B SERIES, 15W ISOLATED SINGLE AND DUAL OUTPUT

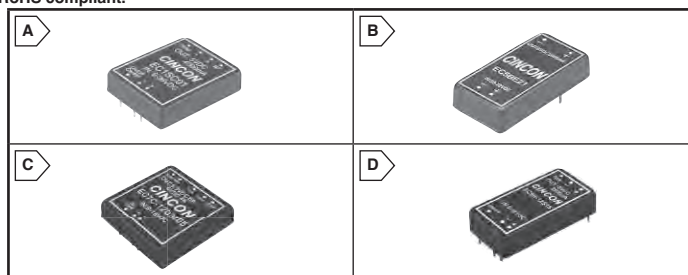
- Efficiency to 88%
- 4:1 Input Range
- 2" x 1" six sided shield metal case

MOUSER STOCK NO.	Cincon Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Price Each		
						1	10	50
Single Output								
418-EC9BW-24S33	EC9BW-24S33	B	9-36VDC	3.3V	4000mA	40.89	39.70	38.50
418-EC9BW-48S33	EC9BW-48S33	B	18-75VDC	3.3V	4000mA	40.89	39.70	38.50
418-EC9BW-48S05	EC9BW-48S05	B	18-75VDC	5V	3000mA	35.76	33.87	31.82
418-EC9BW-48S12	EC9BW-48S12	B	18-75VDC	12V	1250mA	35.76	33.87	31.82
418-EC9BW-48S15	EC9BW-48S15	B	18-75VDC	15V	1000mA	35.76	33.87	31.82
Dual Output								
418-EC9BW-24D12	EC9BW-24D12	B	9-36VDC	±12V	±625mA	43.33	42.06	40.79
418-EC9BW-24D15	EC9BW-24D15	B	18-75VDC	±15V	±500mA	43.33	42.06	40.79
418-EC9BW-48D05	EC9BW-48D05	B	18-75VDC	±5V	±500mA	43.33	42.06	40.79
418-EC9BW-48D12	EC9BW-48D12	B	18-75VDC	±12V	±625mA	43.33	42.06	40.79
418-EC9BW-48D15	EC9BW-48D15	B	18-75VDC	±15V	±500mA	43.33	42.06	40.79

EC6C SERIES, 25-30W SINGLE AND DUAL OUTPUT

- Isolated Voltage: 500VDC
- Efficiency to 85%
- 2:1 Input Range
- PI Input Filter
- Six Sided Shield

MOUSER STOCK NO.	Cincon Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Price Each		
						1	10	50
Single Output								
418-EC6C09	EC6C09	A	9-18V	3.3V	5A	40.43	39.89	39.13
418-EC6C01	EC6C01	A	9-18V	5V	5A	40.43	39.89	39.13
418-EC6C02	EC6C02	A	9-18V	12V	2.5A	40.43	39.89	39.13
418-EC6C11	EC6C11	A	18-36V	5V	5A	40.43	39.89	39.13
418-EC6C12	EC6C12	A	18-36V	12V	2.5A	40.43	39.89	39.13
418-EC6C21	EC6C21	A	36-72V	5V	5A	40.43	39.89	39.13
418-EC6C22	EC6C22	A	36-72V	12V	2.5A	40.43	39.89	39.13
Dual Output								
418-EC6C04	EC6C04	A	9-18V	±5V	±2.5A	45.64	45.03	44.17
418-EC6C05	EC6C05	A	9-18V	±12V	±1.25A	45.64	45.03	44.17
418-EC6C14	EC6C14	A	18-36V	±5V	±2.5A	45.64	45.03	44.17
418-EC6C15	EC6C15	A	18-36V	±12V	±1.25A	45.64	45.03	44.17
418-EC6C25	EC6C25	A	36-72V	±12V	±1.25A	45.64	45.03	44.17



EC7B SERIES, 20W SINGLE OUTPUT

- Isolated Voltage: 1.5k VDC
- Efficiency to 90%
- Fixed Switching Frequency
- PI input Filter
- 2:1 Input Range

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

EC7BW SERIES, 20W SINGLE OUTPUT

- 1500VDC isolation
- 4:1 wide input range

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

EC7C SERIES, 40W SINGLE OUTPUT

- Isolated Voltage: 1.5kVDC
- Efficiency up to 92%
- Fixed 350KHz Switching Frequency
- 2:1 Input Range
- Six-Sided Metal Case
- Industry Standard Pin-Out
- 2"x2" Size

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

EC9B SERIES, 30W SINGLE AND DUAL OUTPUT

- Isolated Voltage: 1500VDC
- Efficiency to 92%

MOUSER STOCK NO.	Cincon Part No.	Fig.</
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