

# CINCON DC-DC Converters

RoHS Compliant This product is RoHS compliant.



## EC4A SERIES, 5-6W SINGLE AND DUAL OUTPUT

- Features:**
- Isolated Voltage: 3kVDC
  - 24-Pin DIP Package
  - Efficiency to 84%
  - 2:1 Input Range
  - Regulated Outputs
  - Pi Input Filter
  - Continuous Short Circuit Protection
  - Surface Mount package available
  - Meets EM1 EN55022 class A
  - No Tantalum Capacitor inside
  - Wide Operating Temperature Range



For quantities greater than listed, 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-EC4A07H-E	EC4A07H-E	A	9-18V	3.3V	1200mA	17.76	17.02	16.65
418-EC4A01H-E	EC4A01H-E	A	9-18V	5V	1000mA	17.76	17.02	16.65
418-EC4A02H-E	EC4A02H-E	A	9-18V	12V	500mA	17.76	17.02	16.65
418-EC4A11H-E	EC4A11H-E	A	18-36V	5V	1000mA	17.76	17.02	16.65
418-EC4A12H-E	EC4A12H-E	A	18-36V	12V	500mA	17.76	17.02	16.65
418-EC4A21H-E	EC4A21H-E	A	36-72V	5V	1000mA	17.76	17.02	16.65
418-EC4A22H-E	EC4A22H-E	A	36-72V	12V	500mA	17.76	17.02	16.65
<b>Dual Output</b>								
418-EC4A04H-E	EC4A04H-E	A	9-18V	±12V	±250mA	19.68	18.86	18.45
418-EC4A06H-E	EC4A06H-E	A	9-18V	±5V	±500mA	19.68	18.86	18.45
418-EC4A14H-E	EC4A14H-E	A	18-36V	±12V	±250mA	19.68	18.86	18.45
418-EC4A17H-E	EC4A17H-E	A	18-36V	3.3V	1200mA	17.76	17.02	16.65

## EC6A SERIES, 7.5W SINGLE AND DUAL OUTPUT

- Features:**
- Isolated Voltage: 1.5kV
  - 24-Pin DIP package
  - Efficiency to 87%
  - 2:1 Input Range
  - Regulated Outputs
  - Pi Input Filter
  - Continuous Short Circuit Protection
  - Black Coated Copper w/ Non-Conductive Base
  - Surface Mount package available



For quantities greater than listed, 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-EC6A07	EC6A07	B	9-18V	3.3V	1500mA	22.88	21.96	20.59
418-EC6A01	EC6A01	B	9-18V	5V	1500mA	22.88	21.96	20.59
418-EC6A02	EC6A02	B	9-18V	12V	625mA	22.88	21.96	20.59
418-EC6A03	EC6A03	B	9-18V	15V	500mA	22.88	21.96	20.59
418-EC6A17	EC6A17	B	18-36V	3.3V	1500mA	22.88	21.96	20.59
418-EC6A11	EC6A11	B	18-36V	5V	1500mA	22.88	21.96	20.59
418-EC6A12	EC6A12	B	18-36V	12V	625mA	22.88	21.96	20.59
418-EC6A13	EC6A13	B	18-36V	15V	500mA	22.88	21.96	20.59
418-EC6A27	EC6A27	B	36-72V	3.3V	1500mA	22.88	21.96	20.59
418-EC6A21	EC6A21	B	36-72V	5V	1500mA	22.88	21.96	20.59
418-EC6A22	EC6A22	B	36-72V	12V	625mA	22.88	21.96	20.59
418-EC6A23	EC6A23	B	36-72V	15V	500mA	22.88	21.96	20.59
<b>Dual Output</b>								
418-EC6A04	EC6A04	B	9-18V	±5V	±750mA	24.35	23.38	21.92
418-EC6A05	EC6A05	B	9-18V	±12V	±310mA	24.35	23.38	21.92
418-EC6A06	EC6A06	B	9-18V	±15V	±250mA	24.35	23.38	21.92
418-EC6A14	EC6A14	B	18-36V	±5V	±750mA	24.35	23.38	21.92
418-EC6A15	EC6A15	B	18-36V	±12V	±310mA	24.35	23.38	21.92
418-EC6A16	EC6A16	B	18-36V	±15V	±250mA	24.35	23.38	21.92
418-EC6A24	EC6A24	B	36-72V	±5V	±750mA	24.35	23.38	21.92
418-EC6A25	EC6A25	B	36-72V	±12V	±310mA	24.35	23.38	21.92
418-EC6A26	EC6A26	B	36-72V	±15V	±250mA	24.35	23.38	21.92

## EC6AW SERIES, 8W SINGLE AND DUAL OUTPUT

- Features:**
- Isolation Voltage: 1.5kVDC
  - 4:1 Input Range
  - Remote On/Off

For quantities greater than listed, 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-EC6AW-24S33	EC6AW-24S33	C	9-36V	3.3V	2000mA	28.35	26.42	25.52
418-EC6AW-24S05	EC6AW-24S05	C	9-36V	5V	1600mA	28.35	26.42	25.52
418-EC6AW-24S12	EC6AW-24S12	C	9-36V	12V	666mA	28.35	26.42	25.52
418-EC6AW-24S15	EC6AW-24S15	C	9-36V	15V	530mA	28.35	26.42	25.52
418-EC6AW-48S33	EC6AW-48S33	C	18-75V	3.3V	2000mA	28.35	26.42	25.52
418-EC6AW-48S05	EC6AW-48S05	C	18-75V	5V	1600mA	28.35	26.42	25.52
418-EC6AW-48S12	EC6AW-48S12	C	18-75V	12V	666mA	28.35	26.42	25.52
418-EC6AW-48S15	EC6AW-48S15	C	18-75V	15V	530mA	28.35	26.42	25.52
<b>Dual Output</b>								
418-EC6AW-24D05	EC6AW-24D05	C	9-36V	±5V	±800mA	30.35	28.29	27.32
418-EC6AW-24D12	EC6AW-24D12	C	9-36V	±12V	±333mA	30.35	28.29	27.32
418-EC6AW-24D15	EC6AW-24D15	C	9-36V	±15V	±265mA	30.35	28.29	27.32
418-EC6AW-48D05	EC6AW-48D05	C	18-75V	±5V	±800mA	30.35	28.29	27.32
418-EC6AW-48D12	EC6AW-48D12	C	18-75V	±12V	±333mA	30.35	28.29	27.32
418-EC6AW-48D15	EC6AW-48D15	C	18-75V	±15V	±265mA	30.35	28.29	27.32

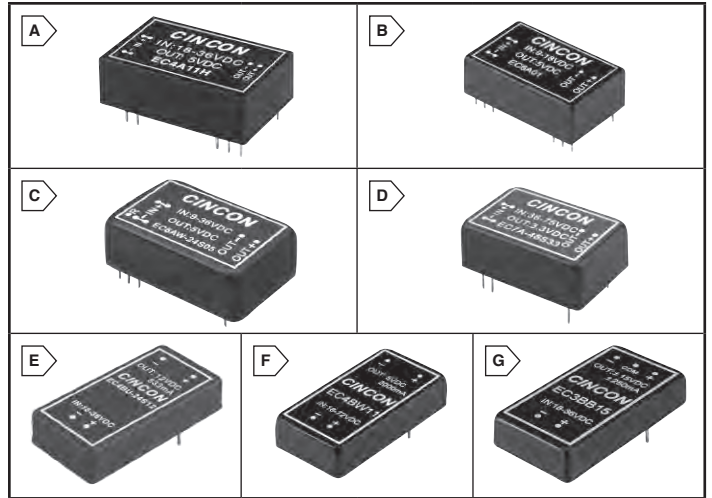
## EC7A SERIES, 10W SINGLE OUTPUT

- Features:**
- Isolated Voltage: 1.5kVDC
  - 24-Pin DIP Shielded Metal Case
  - Efficiency to 89%
  - No Tantalum Capacitor Inside
  - Surface Mount package available
  - 2:1 Input Range



For quantities greater than listed, 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-EC7A-24S25	EC7A-24S25	D	18-36V	2.5V	3000mA	36.29	34.72	32.35
418-EC7A-24S33	EC7A-24S33	D	18-36V	3.3V	3000mA	36.29	34.72	32.35
418-EC7A-24S05	EC7A-24S05	D	18-36V	5V	2000mA	36.29	34.72	32.35
418-EC7A-24S12	EC7A-24S12	D	18-36V	12V	835mA	36.29	34.72	32.35
418-EC7A-48S25	EC7A-48S25	D	36-75V	2.5V	3000mA	36.29	34.72	32.35
418-EC7A-48S33	EC7A-48S33	D	36-75V	3.3V	3000mA	36.29	34.72	32.35
418-EC7A-48S05	EC7A-48S05	D	36-75V	5V	2000mA	36.29	34.72	32.35
418-EC7A-48S12	EC7A-48S12	D	36-75V	12V	835mA	36.29	34.72	32.35
<b>Dual Output</b>								
418-EC7A-12D12	EC7A-12D12	D	9-18V	±12VDC	±416mA	40.46	39.28	37.94
418-EC7A-24D12	EC7A-24D12	D	18-36V	±12VDC	±416mA	40.46	39.28	37.94
418-EC7A-48D12	EC7A-48D12	D	35-75V	±12VDC	±416mA	40.46	39.28	37.94



## EC4BU SERIES, 10W SINGLE AND DUAL OUTPUT

- Features:**
- Isolated Voltage: 1500VDC
  - Efficiency to 87%
  - 2:1 Input Range



For quantities greater than listed, 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-EC4BU-05S05	EC4BU-05S05	E	4.7-9VDC	5VDC	2000mA	32.89	31.92	30.96
418-EC4BU-05S12	EC4BU-05S12	E	4.7-9VDC	12VDC	833mA	32.89	31.92	30.96
418-EC4BU-12S05	EC4BU-12S05	E	9-18VDC	5VDC	2000mA	32.89	31.92	30.96
418-EC4BU-12S12	EC4BU-12S12	E	9-18VDC	12VDC	833mA	32.89	31.92	30.96
418-EC4BU-24S05	EC4BU-24S05	E	18-36VDC	5VDC	2000mA	32.89	31.92	30.96
418-EC4BU-24S12	EC4BU-24S12	E	18-36VDC	12VDC	833mA	32.89	31.92	30.96
418-EC4BU-48S05	EC4BU-48S05	E	36-75VDC	5VDC	2000mA	32.89	31.92	30.96
418-EC4BU-48S12	EC4BU-48S12	E	36-75VDC	12VDC	833mA	32.89	31.92	30.96
<b>Dual Output</b>								
418-EC4BU-12D05	EC4BU-12D05	E	9-18VDC	±5VDC	±1000mA	38.41	37.28	36.16
418-EC4BU-12D12	EC4BU-12D12	E	9-18VDC	±12VDC	±416mA	38.41	37.28	36.16
418-EC4BU-12D15	EC4BU-12D15	E	9-18VDC	±15VDC	±333mA	38.41	37.28	36.16

## EC4BW SERIES, 10W SINGLE AND DUAL OUTPUT

- Features:**
- Isolated Voltage: 500VDC
  - Efficiency to 82%
  - 4:1 Input Range
  - Meets EN55022 Class A Conducted
  - Pi Input Filter

For quantities greater than listed, 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-EC4BW07	EC4BW07	F	9-36V	3.3V	2000mA	37.06	35.51	33.20
418-EC4BW01	EC4BW01	F	9-36V	5V	2000mA	37.06	35.51	33.20
418-EC4BW02	EC4BW02	F	9-36V	12V	830mA	37.06	35.51	33.20
418-EC4BW17	EC4BW17	F	18-72V	3.3V	2000mA	37.06	35.51	33.20
418-EC4BW11	EC4BW11	F	18-72V	5V	2000mA	37.06	35.51	33.20
418-EC4BW12	EC4BW12	F	18-72V	12V	830mA	37.06	35.51	33.20
<b>Dual Output</b>								
418-EC4BW06	EC4BW06	F	9-36V	±5V	±1000mA	42.48	40.78	38.23
418-EC4BW04	EC4BW04	F	9-36V	±12V	±415mA	42.48	40.78	38.23
418-EC4BW16	EC4BW16	F	18-72V	±5V	±1000mA	42.48	40.78	38.23
418-EC4BW14	EC4BW14	F	18-72V	±12V	±415mA	42.48	40.78	38.23

## EC3BB SERIES, 7.5W SINGLE AND DUAL OUTPUT

- Features:**
- Isolated Voltage: 1.5kV
  - Remote ON/OFF Option
  - Efficiency to 82%
  - Meets EN55022 Class B, Conducted
  - Pi Input Filter
  - 2:1 Input Range

For quantities greater than listed, 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-EC3BB07	EC3BB07	G	9-18V	3.3V	1500mA	27.75	26.64	24.98
418-EC3BB01	EC3BB01	G	9-18V	5V	1500mA	27.75	26.64	24.98
418-EC3BB02	EC3BB02	G	9-18V	12V	625mA	27.75	26.64	24.98
418-EC3BB03	EC3BB03	G	9-18V	15V	500mA	27.75	26.64	24.98
418-EC3BB17	EC3BB17	G	18-36V	3.3V	1500mA	27.75	26.64	24.98
418-EC3BB11	EC3BB11	G	18-36V	5V	1500mA	27.75	26.64	24.98
418-EC3BB12	EC3BB12	G	18-36V	12V	625mA	27.75	26.64	24.98
418-EC3BB13	EC3BB13	G	18-36V	15V	500mA	27.75	26.64	24.98
418-EC3BB27	EC3BB27	G	36-72V	3.3V	1500mA	27.75	26.64	24.98
418-EC3BB21	EC3BB21	G	36-72V	5V	1500mA	27.75	26.64	24.98
418-EC3BB22	EC3BB22	G	36-72V	12V	625mA	27.75	26.64	24.98
418-EC3BB23	EC3BB23	G	36-72V	15V	500mA	27.75	26.64	24.98
<b>Dual Output</b>								
418-EC3BB06	EC3BB06	G	9-18V	±5V	±750mA	27.53	26.68	25.81
418-EC3BB04	EC3BB04	G	9-18V	±12V	±310mA	27.53	26.68	25.81
418-EC3BB05	EC3BB05	G	9-18V	±15V	±250mA	27.53	26.68	25.81
418-EC3BB16	EC3BB16	G	18-36V	±5V	±750mA	27.53	26.68	25.81
418-EC3BB14	EC3BB14	G	18-36V	±12V	±310mA	27		