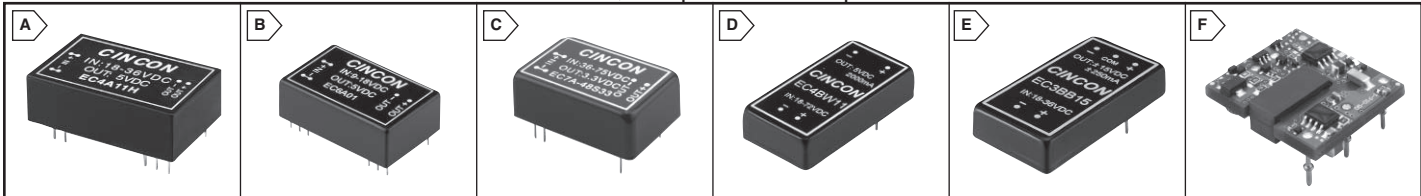


CINCON DC-DC Converters

RoHS Compliant This product is RoHS compliant.



CINCON 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



MOUSER STOCK NO.	Cincon Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Price Each		
						1	10	50
Single Output								
418-EC4A07H	EC4A07H	A	9-18V	3.3V	1000mA	15.58	14.95	14.02
418-EC4A01H	EC4A01H	A	9-18V	5V	1000mA	15.58	14.95	14.02
418-EC4A02H	EC4A02H	A	9-18V	12V	470mA	15.58	14.95	14.02
418-EC4A17H	EC4A17H	A	18-36V	3.3V	1000mA	15.58	14.95	14.02
418-EC4A11H	EC4A11H	A	18-36V	5V	1000mA	15.58	14.95	14.02
418-EC4A12H	EC4A12H	A	18-36V	12V	470mA	15.58	14.95	14.02
418-EC4A27H	EC4A27H	A	36-72V	3.3V	1000mA	15.58	14.95	14.02
418-EC4A21H	EC4A21H	A	36-72V	5V	1000mA	15.58	14.95	14.02
418-EC4A22H	EC4A22H	A	36-72V	12V	470mA	15.58	14.95	14.02
Dual Output								
418-EC4A06H	EC4A06H	A	9-18V	±5V	±500mA	17.25	16.56	15.53
418-EC4A04H	EC4A04H	A	9-18V	±12V	±230mA	17.25	16.56	15.53
418-EC4A16H	EC4A16H	A	18-36V	±5V	±500mA	17.25	16.56	15.53
418-EC4A14H	EC4A14H	A	18-36V	±12V	±230mA	17.25	16.56	15.53
418-EC4A26H	EC4A26H	A	36-72V	±5V	±500mA	17.25	16.56	15.53
418-EC4A24H	EC4A24H	A	36-72V	±12V	±230mA	17.25	16.56	15.53

CINCON EC4BW SERIES, 10W SINGLE AND DUAL OUTPUT

- Features:**
- Isolated Voltage: 500VDC
 - Efficiency to 82%
 - 4:1 Input Range
 - Pi Input Filter
 - Continuous Short Circuit Protection
 - Meets EN55022 Class A Conducted
 - Black Coated Copper with Non-Conductive Base



MOUSER STOCK NO.	Cincon Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Price Each		
						1	10	50
Single Output								
418-EC4BW07	EC4BW07	D	9-36V	3.3V	2000mA	37.06	35.51	33.20
418-EC4BW01	EC4BW01	D	9-36V	5V	2000mA	37.06	35.51	33.20
418-EC4BW02	EC4BW02	D	9-36V	12V	800mA	37.06	35.51	33.20
418-EC4BW17	EC4BW17	D	18-72V	3.3V	2000mA	37.06	35.51	33.20
418-EC4BW11	EC4BW11	D	18-72V	5V	2000mA	37.06	35.51	33.20
418-EC4BW12	EC4BW12	D	18-72V	12V	830mA	37.06	35.51	33.20
Dual Output								
418-EC4BW06	EC4BW06	D	9-36V	±5V	±1000mA	42.48	40.78	38.23
418-EC4BW04	EC4BW04	D	9-36V	±12V	±415mA	42.48	40.78	38.23
418-EC4BW16	EC4BW16	D	18-72V	±5V	±1000mA	42.48	40.78	38.23
418-EC4BW14	EC4BW14	D	18-72V	±12V	±415mA	42.48	40.78	38.23

CINCON EC6A SERIES, 7.5W SINGLE AND DUAL OUTPUT

- Features:**
- Isolated Voltage: 1.5kV
 - 24-Pin DIP package
 - Efficiency to 83%
 - 2:1 Input Range
 - Regulated Outputs
 - Pi Input Filter
 - Continuous Short Circuit Protection
 - Black Coated Copper w/ Non-Conductive Base
 - Surface Mount package available



MOUSER STOCK NO.	Cincon Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Price Each		
						1	10	50
Single Output								
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
Dual Output								
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

CINCON EC3BB SERIES, 7.5W SINGLE AND DUAL OUTPUT

- Features:**
- Isolated Voltage: 1.5kV
 - Remote ON/OFF Option
 - Efficiency to 82%
 - 2:1 Input Range
 - Black Coated Copper with Non-Conductive Base
 - Regulated Outputs
 - Continuous Short Circuit Protection
 - Meets EN55022 Class B, 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-EC3BB07	EC3BB07	E	9-18V	3.3V	1500mA	27.75	26.64	24.98
418-EC3BB01	EC3BB01	E	9-18V	5V	1500mA	27.75	26.64	24.98
418-EC3BB02	EC3BB02	E	9-18V	12V	625mA	27.75	26.64	24.98
418-EC3BB03	EC3BB03	E	9-18V	15V	500mA	27.75	26.64	24.98
418-EC3BB17	EC3BB17	E	18-36V	3.3V	1500mA	27.75	26.64	24.98
418-EC3BB11	EC3BB11	E	18-36V	5V	1500mA	27.75	26.64	24.98
418-EC3BB12	EC3BB12	E	18-36V	12V	625mA	27.75	26.64	24.98
418-EC3BB13	EC3BB13	E	18-36V	15V	500mA	27.75	26.64	24.98
418-EC3BB27	EC3BB27	E	36-72V	3.3V	1500mA	27.75	26.64	24.98
418-EC3BB21	EC3BB21	E	36-72V	5V	1500mA	27.75	26.64	24.98
418-EC3BB22	EC3BB22	E	36-72V	12V	625mA	27.75	26.64	24.98
418-EC3BB23	EC3BB23	E	36-72V	15V	500mA	27.75	26.64	24.98
Dual Output								
418-EC3BB06	EC3BB06	E	9-18V	±5V	±750mA	27.53	26.68	25.81
418-EC3BB04	EC3BB04	E	9-18V	±12V	±310mA	27.53	26.68	25.81
418-EC3BB05	EC3BB05	E	9-18V	±15V	±250mA	27.53	26.68	25.81
418-EC3BB16	EC3BB16	E	18-36V	±5V	±750mA	27.53	26.68	25.81
418-EC3BB14	EC3BB14	E	18-36V	±12V	±310mA	27.53	26.68	25.81
418-EC3BB15	EC3BB15	E	18-36V	±15V	±250mA	27.53	26.68	25.81
418-EC3BB26	EC3BB26	E	36-72V	±5V	±750mA	27.53	26.68	25.81
418-EC3BB24	EC3BB24	E	36-72V	±12V	±310mA	27.53	26.68	25.81
418-EC3BB25	EC3BB25	E	36-72V	±15V	±250mA	27.53	26.68	25.81

CINCON EC7A SERIES, 10W SINGLE OUTPUT

- Features:**
- Isolated Voltage: 1.5kVDC
 - 24-Pin DIP Shielded Metal Case
 - Efficiency to 89%
 - 2:1 Input Range
 - Regulated Outputs
 - Pi Input Filter
 - Continuous Short Circuit Protection
 - No Tantalum Capacitor Inside
 - Black Coated Copper with Non-Conductive Base
 - Surface Mount package available



MOUSER STOCK NO.	Cincon Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Price Each		
						1	10	50
418-EC7A-24S25	EC7A-24S25	C	18-36V	2.5V	3000mA	36.29	34.72	32.35
418-EC7A-24S33	EC7A-24S33	C	18-36V	3.3V	3000mA	36.29	34.72	32.35
418-EC7A-24S05	EC7A-24S05	C	18-36V	5V	2000mA	36.29	34.72	32.35
418-EC7A-24S12	EC7A-24S12	C	18-36V	12V	835mA	36.29	34.72	32.35
418-EC7A-48S25	EC7A-48S25	C	36-75V	2.5V	3000mA	36.29	34.72	32.35
418-EC7A-48S33	EC7A-48S33	C	36-75V	3.3V	3000mA	36.29	34.72	32.35
418-EC7A-48S05	EC7A-48S05	C	36-75V	5V	2000mA	36.29	34.72	32.35
418-EC7A-48S12	EC7A-48S12	C	36-75V	12V	835mA	36.29	34.72	32.35

CINCON EC1SB SERIES, 13.2-15W SINGLE OUTPUT

- Features:**
- Isolated Voltage: 2250VDC
 - Efficiency to 89%
 - Regulated Outputs
 - Fixed Switching Frequency
 - Input Under-Voltage Protection
 - Over Current Protection
 - Remote ON/OFF
 - Continuous Short Circuit Protection
 - Industry Standard 1.1"x1" Packages
 - Open Frame
 - Surface Mount package available



MOUSER STOCK NO.	Cincon Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Price Each		
						1	10	50
418-EC1SB-24S33	EC1SB-24S33	F	18-36V	3.3V	4000mA	43.25	41.52	38.93
418-EC1SB-24S05	EC1SB-24S05	F	18-36V	5V	3000mA	43.25	41.52	38.93
418-EC1SB-24S12	EC1SB-24S12	F	18-36V	12V	1250mA	43.25	41.52	38.93
418-EC1SB-24S15	EC1SB-24S15	F	18-36V	15V	1000mA	43.25	41.52	38.93
418-EC1SB-48S33	EC1SB-48S33	F	36-75V	3.3V	4000mA	43.25	41.52	38.93
418-EC1SB-48S05	EC1SB-48S05	F	36-75V	5V	3000mA	43.25	41.52	38.93
418-EC1SB-48S12	EC1SB-48S12	F	36-75V	12V	1250mA	43.25	41.52	38.93
418-EC1SB-48S15	EC1SB-48S15	F	36-75V	15V	1000mA	43.25	41.52	38.93

DC-DC Converters Cincon

