

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



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			
418-EC4A01H	EC4A01H	A	9-18V	5V	1000mA			
418-EC4A02H	EC4A02H	A	9-18V	12V	470mA			
418-EC4A17H	EC4A17H	A	18-36V	3.3V	1000mA			
418-EC4A11H	EC4A11H	A	18-36V	5V	1000mA			
418-EC4A12H	EC4A12H	A	18-36V	12V	470mA			
418-EC4A27H	EC4A27H	A	36-72V	3.3V	1000mA			
418-EC4A21H	EC4A21H	A	36-72V	5V	1000mA			
418-EC4A22H	EC4A22H	A	36-72V	12V	470mA			
Dual Output								
418-EC4A06H	EC4A06H	A	9-18V	±5V	±500mA			
418-EC4A04H	EC4A04H	A	9-18V	±12V	±230mA			
418-EC4A16H	EC4A16H	A	18-36V	±5V	±500mA			
418-EC4A14H	EC4A14H	A	18-36V	±12V	±230mA			
418-EC4A26H	EC4A26H	A	36-72V	±5V	±500mA			
418-EC4A24H	EC4A24H	A	36-72V	±12V	±230mA			



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			
418-EC6A01	EC6A01	B	9-18V	5V	1500mA			
418-EC6A02	EC6A02	B	9-18V	12V	625mA			
418-EC6A03	EC6A03	B	9-18V	15V	500mA			
418-EC6A17	EC6A17	B	18-36V	3.3V	1500mA			
418-EC6A11	EC6A11	B	18-36V	5V	1500mA			
418-EC6A12	EC6A12	B	18-36V	12V	625mA			
418-EC6A13	EC6A13	B	18-36V	15V	500mA			
418-EC6A27	EC6A27	B	36-72V	3.3V	1500mA			
418-EC6A21	EC6A21	B	36-72V	5V	1500mA			
418-EC6A22	EC6A22	B	36-72V	12V	625mA			
418-EC6A23	EC6A23	B	36-72V	15V	500mA			
Dual Output								
418-EC6A04	EC6A04	B	9-18V	±5V	±750mA			
418-EC6A05	EC6A05	B	9-18V	±12V	±310mA			
418-EC6A06	EC6A06	B	9-18V	±15V	±250mA			
418-EC6A14	EC6A14	B	18-36V	±5V	±750mA			
418-EC6A15	EC6A15	B	18-36V	±12V	±310mA			
418-EC6A16	EC6A16	B	18-36V	±15V	±250mA			
418-EC6A24	EC6A24	B	36-72V	±5V	±750mA			
418-EC6A25	EC6A25	B	36-72V	±12V	±310mA			
418-EC6A26	EC6A26	B	36-72V	±15V	±250mA			



EC6AW SERIES, 8W SINGLE AND DUAL OUTPUT

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



MOUSER STOCK NO.	Cincon Part No.	Fig.	Input Voltage	Output Voltage	Output Current	Price Each		
						1	10	50
Single Output								
418-EC6AW-24S33	EC6AW-24S33	C	9-36V	3.3V	2000mA			
418-EC6AW-24S05	EC6AW-24S05	C	9-36V	5V	1600mA			
418-EC6AW-24S12	EC6AW-24S12	C	9-36V	12V	666mA			
418-EC6AW-24S15	EC6AW-24S15	C	9-36V	15V	530mA			
418-EC6AW-48S33	EC6AW-48S33	C	18-75V	3.3V	2000mA			
418-EC6AW-48S05	EC6AW-48S05	C	18-75V	5V	1600mA			
418-EC6AW-48S12	EC6AW-48S12	C	18-75V	12V	666mA			
418-EC6AW-48S15	EC6AW-48S15	C	18-75V	15V	530mA			
Dual Output								
418-EC6AW-24D05	EC6AW-24D05	C	9-36V	±5V	±800mA			
418-EC6AW-24D12	EC6AW-24D12	C	9-36V	±12V	±333mA			
418-EC6AW-24D15	EC6AW-24D15	C	9-36V	±15V	±265mA			
418-EC6AW-48D05	EC6AW-48D05	C	18-75V	±5V	±800mA			
418-EC6AW-48D12	EC6AW-48D12	C	18-75V	±12V	±333mA			
418-EC6AW-48D15	EC6AW-48D15	C	18-75V	±15V	±265mA			

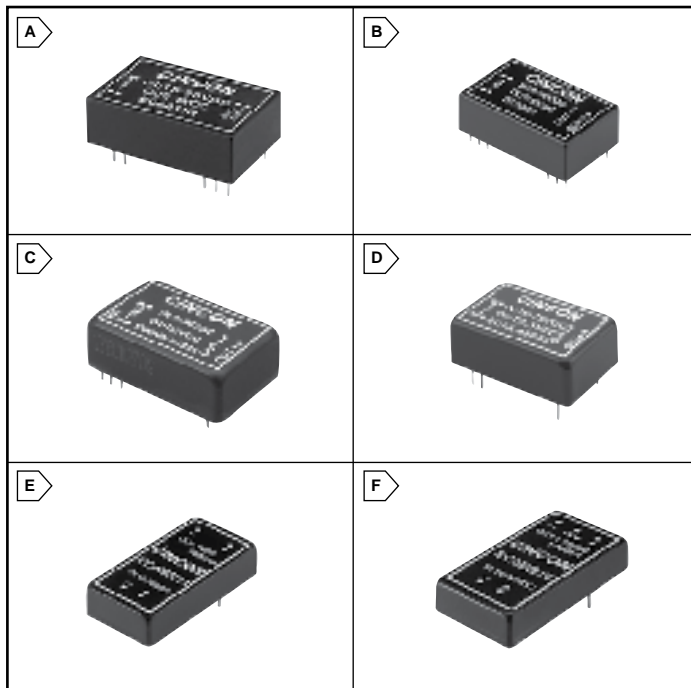


EC7A SERIES, 10W SINGLE OUTPUT

- Features:**
- Isolated Voltage: 1.5kVDC
 - 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
Single Output								
418-EC7A-24S25	EC7A-24S25	D	18-36V	2.5V	3000mA			
418-EC7A-24S33	EC7A-24S33	D	18-36V	3.3V	3000mA			
418-EC7A-24S05	EC7A-24S05	D	18-36V	5V	2000mA			
418-EC7A-24S12	EC7A-24S12	D	18-36V	12V	835mA			
418-EC7A-48S25	EC7A-48S25	D	36-75V	2.5V	3000mA			
418-EC7A-48S33	EC7A-48S33	D	36-75V	3.3V	3000mA			
418-EC7A-48S05	EC7A-48S05	D	36-75V	5V	2000mA			
418-EC7A-48S12	EC7A-48S12	D	36-75V	12V	835mA			



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	E	9-36V	3.3V	2000mA			
418-EC4BW01	EC4BW01	E	9-36V	5V	2000mA			
418-EC4BW02	EC4BW02	E	9-36V	12V	830mA			
418-EC4BW17	EC4BW17	E	18-72V	3.3V	2000mA			
418-EC4BW11	EC4BW11	E	18-72V	5V	2000mA			
418-EC4BW12	EC4BW12	E	18-72V	12V	830mA			
Dual Output								
418-EC4BW06	EC4BW06	E	9-36V	±5V	±1000mA			
418-EC4BW04	EC4BW04	E	9-36V	±12V	±415mA			
418-EC4BW16	EC4BW16	E	18-72V	±5V	±1000mA			
418-EC4BW14	EC4BW14	E	18-72V	±12V	±415mA			



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	F	9-18V	3.3V	1500mA			
418-EC3BB01	EC3BB01	F	9-18V	5V	1500mA			
418-EC3BB02	EC3BB02	F	9-18V	12V	625mA			
418-EC3BB03	EC3BB03	F	9-18V	15V	500mA			
418-EC3BB17	EC3BB17	F	18-36V	3.3V	1500mA			
418-EC3BB11	EC3BB11	F	18-36V	5V	1500mA			
418-EC3BB12	EC3BB12	F	18-36V	12V	625mA			
418-EC3BB13	EC3BB13	F	18-36V	15V	500mA			
418-EC3BB27	EC3BB27	F	36-72V	3.3V	1500mA			
418-EC3BB21	EC3BB21	F	36-72V	5V	1500mA			
418-EC3BB22	EC3BB22	F	36-72V	12V	625mA			
418-EC3BB23	EC3BB23	F	36-72V	15V	500mA			
Dual Output								
418-EC3BB06	EC3BB06	F	9-18V	±5V	±750mA			
418-EC3BB04	EC3BB04	F	9-18V	±12V	±310mA			
418-EC3BB05	EC3BB05	F	9-18V	±15V	±250mA			
418-EC3BB16	EC3BB16	F	18-36V	±5V	±750mA			
418-EC3BB14	EC3BB14	F	18-36V	±12V	±310mA			
418-EC3BB15	EC3BB15	F	18-36V	±15V	±250mA			
418-EC3BB26	EC3BB26	F	36-72V	±5V	±750mA			
418-EC3BB24	EC3BB24	F	36-72V	±12V	±310mA			
418-EC3BB25	EC3BB25	F	36-72V	±15V	±250mA			