

10 WATT 2:1 INPUT DC-DC CONVERTERS



Features:

- 10W Isolated Output
- Efficiency to 87%
- 2:1 INPUT RANGE
- Regulated Outputs
- Fixed Switching Frequency
- Input under-voltage Protection
- Over Current Protection
- Remote ON/OFF
- Continuous Short Circuit Protection
- Without Tantalum Capacitors inside

Electrical Characteristics:

MODEL	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT		INPUT CURRENT		%EFF	CAP LOAD MAX
			MIN	MAX	NO LOAD	FULL LOAD		
EC2SB -12S33	9-18 VDC	3.3VDC	0 mA	2500 mA	25 mA	838 mA	82	2470uF
EC2SB -12S05	9-18 VDC	5VDC	0 mA	2000 mA	25 mA	980 mA	85	2000uF
EC2SB -12S12	9-18 VDC	12VDC	0 mA	833mA	25 mA	957 mA	87	940uF
EC2SB -12S15	9-18 VDC	15VDC	0 mA	666mA	25mA	956 mA	87	690uF
EC2SB -24S33	18-36 VDC	3.3VDC	0 mA	2500 mA	20 mA	419 mA	82	2470uF
EC2SB -24S05	18-36 VDC	5VDC	0 mA	2000mA	20 mA	490 mA	85	2000uF
EC2SB -24S12	18-36 VDC	12VDC	0 mA	833mA	20 mA	478 mA	87	940uF
EC2SB -24S15	18-36 VDC	15VDC	0 mA	666 mA	20 mA	478 mA	87	690uF
EC2SB -48S33	36-75 VDC	3.3VDC	0 mA	2500 mA	20 mA	212mA	81	2470uF
EC2SB -48S05	36-75 VDC	5VDC	0 mA	200mA	20 mA	245 mA	85	2000uF
EC2SB -48S12	36-75 VDC	12VDC	0 mA	833mA	20 mA	239 mA	87	940uF
EC2SB -48S15	36-75 VDC	15VDC	±0 mA	666 mA	20 mA	239 mA	87	690uF

NOTE: 1. Nominal Input Voltage 12, 24 or 48 VDC

