



FEATURES

- * 20W Isolated Output
- * Efficiency up to 90%
- * Fixed Switching Frequency
- * 18:1 Input Range
- * Regulated Outputs
- * Remote On/Off
- * Low No Load Power Consumption
- * Over Temperature Protection
- * Over Voltage/Current Protection
- * Continuous Short Circuit Protection
- * 2"x1"x0.4" Size Meet Industrial Standard
- * 5000m Operating Altitude
- * CB Test Certificate IEC62368-1
- * Fire & Smoke Meet EN45545-2
- * Shock & Vibration Meet EN50155 (EN61373)
- * Meet EN50155 with External Circuits
- * UL62368-1 2nd (Reinforce Insulation) Approval

EC7BW18 SERIES

20 WATT 18:1 INPUT

DC-DC CONVERTERS



MODEL NUMBER	INPUT VOLTAGE(3)	OUTPUT VOLTAGE	OUTPUT CURRENT		INPUT CURRENT		% EFF.		CAPACITOR LOAD MAX.
			MIN.	MAX.	NO LOAD	FULL LOAD	(1)	(2)	
EC7BW18-72S05	8.5-160 VDC	5 VDC	0 mA	4000 mA	5 mA	323 mA	86	85	6800uF
EC7BW18-72S12	8.5-160 VDC	12 VDC	0 mA	1670 mA	8 mA	312 mA	89	88	3300uF
EC7BW18-72S15	8.5-160 VDC	15 VDC	0 mA	1330 mA	8 mA	312 mA	89	88	2200uF
EC7BW18-72D12	8.5-160 VDC	±12 VDC	0 mA	±833 mA	8 mA	312 mA	89	88	820uF
EC7BW18-72D15	8.5-160 VDC	±15 VDC	0 mA	±667 mA	8 mA	312 mA	89	88	680uF
EC7BW18-72D24	8.5-160 VDC	±24 VDC	0 mA	±417 mA	8 mA	309 mA	90	89	330uF

NOTE:

1. Measured at Nominal Input Voltage 72VDC
2. Measured at Input Voltage 110VDC
3. EC7BW18 has Derating by Input Voltage is Required Shown Fig.1

