



CQB150W-24(48)SXX SERIES

150 WATT 4:1 INPUT

DC-DC CONVERTERS

SINGLE OUTPUT



FEATURES

- * 150W Isolated Output
- * Efficiency up to 92%
- * Fixed Switching Frequency
- * 4:1 Input Range
- * Regulated Outputs
- * Remote On/Off
- * Low No Load Power Consumption
- * Over Temperature Protection
- * Over Voltage/Current Protection
- * Continuous Short Circuit Protection
- * Quarter Brick Size Meet Industrial Standard
- * UL62368-1 Approval
- * CB Test Certificate IEC62368-1
- * Meets EN50155 with External Circuits
- * Shock & Vibration Meets EN50155 (EN61373)
- * Fire & Smoke Meets EN45545-2
- * 3000m Operating Altitude



MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT		INPUT CURRENT		% EFF.		CAPACITOR LOAD MAX.
			MIN.	MAX.	NO LOAD	FULL LOAD	(3)	(2)	
CQB150W-24S05	9-36 VDC	5 VDC	0 mA	30 A	10 mA	7.02 A	91	92	30000 μ F
CQB150W-24S12	9-36 VDC	12 VDC	0 mA	12.5 A	10 mA	7.02 A	91	92	12500 μ F
CQB150W-24S24	9-36 VDC	24 VDC	0 mA	6.3 A	10 mA	7.08 A	89.5	89.5	6300 μ F
CQB150W-24S28	9-36 VDC	28 VDC	0 mA	5.4 A	10 mA	7.08 A	90	90	5400 μ F
CQB150W-24S48	9-36 VDC	48 VDC	0 mA	3.2 A	10 mA	7.19 A	90.5	90.5	1000 μ F
CQB150W-48S05	18-75 VDC	5 VDC	0 mA	30 A	8 mA	3.47 A	92	92	30000 μ F
CQB150W-48S12	18-75 VDC	12 VDC	0 mA	12.5 A	8 mA	3.47 A	92	91	12500 μ F
CQB150W-48S24	18-75 VDC	24 VDC	0 mA	6.3 A	8 mA	3.50 A	91	90.5	6300 μ F
CQB150W-48S28	18-75 VDC	28 VDC	0 mA	5.4 A	8 mA	3.50 A	91.5	90.5	5400 μ F
CQB150W-48S48	18-75 VDC	48 VDC	0 mA	3.2 A	8 mA	3.56 A	92	91.5	1000 μ F

NOTE:

1. Nominal Input Voltage 24, 48 VDC
2. Measured at Nominal Input Voltage
3. Measured at 12VDC for 24Vin, 24VDC for 48Vin

