



FEATURES

- * 150W Isolated Output
- * Efficiency to 89%
- * Fixed Switching Frequency
- * 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
- * CE Mark Meets 2014/30/EU
- * UL60950-1 2nd (Reinforced Insulation) Approval

CQB150-300S SERIES

150 WATT 2:1 INPUT

DC-DC CONVERTERS

SINGLE OUTPUT



MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT		INPUT CURRENT		% EFF.	CAPACITOR LOAD MAX.
			MIN.	MAX.	NO LOAD	FULL LOAD		
CQB150-300S05	180-425 VDC	5 VDC	0 mA	30 A	10 mA	580 mA	86	10000μF
CQB150-300S12	180-425 VDC	12 VDC	0 mA	12.5 A	10 mA	560 mA	89	8800μF
CQB150-300S15	180-425 VDC	15 VDC	0 mA	10 A	10 mA	560 mA	89	8800μF
CQB150-300S24	180-425 VDC	24 VDC	0 mA	6.3 A	10 mA	570 mA	88.5	3300μF
CQB150-300S28	180-425 VDC	28 VDC	0 mA	5.4 A	10 mA	570 mA	88.5	3300μF
CQB150-300S48	180-425 VDC	48 VDC	0 mA	3.2 A	10 mA	570 mA	89	1000μF

NOTE:

1. Nominal Input Voltage 300 VDC.
2. Require a Ceramic Capacitor 2200pF Connected Between -Vin to Case for All Models.
3. An External Input Capacitor 180uF for All Models are Recommended to Reduce Input Ripple Voltage.
4. Measure at Nominal Input Voltage.

Mouser Electronics

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Cincon:

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