



CHASSIS MOUNT CQB150-300S SERIES 150 WATT 2:1 INPUT DC-DC CONVERTERS



FEATURES

- * 150W Isolated Output
- * Efficiency to 89%
- * Low No Load Power Consumption
- * Fixed Switching Frequency
- * Regulated Outputs
- * Over Temperature Protection
- * Over Voltage/Current Protection
- * Remote On/Off
- * Continuous Short Circuit Protection
- * Shock & Vibration Meet EN61373
- * Safety Meets IEC/EN/UL 62368-1
- * UL60950-1 2nd (Reinforced Insulation) Approval for DC Modules
- * Build-In EMI Filter
- * Fire & Smoke Meet EN45545-2
- * Baseplate Cooled



MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT		INPUT CURRENT		% EFF.	CAPACITOR LOAD MAX.
			MIN.	MAX.	NO LOAD	FULL LOAD		
CQB150-300S05□-CMFC CQB150-300S05□-CMFD	180-425 VDC	5 VDC	0 mA	30 A	10 mA	580 mA	85.5	10000μF
CQB150-300S12□-CMFC CQB150-300S12□-CMFD	180-425 VDC	12 VDC	0 mA	12.5 A	10 mA	560 mA	89	8800μF
CQB150-300S15□-CMFC CQB150-300S15□-CMFD	180-425 VDC	15VDC	0 mA	10 A	10 mA	560 mA	89	8800μF
CQB150-300S24□-CMFC CQB150-300S24□-CMFD	180-425 VDC	24 VDC	0 mA	6.3 A	10 mA	570 mA	88.5	3300μF
CQB150-300S28□-CMFC CQB150-300S28□-CMFD	180-425 VDC	28 VDC	0 mA	5.4 A	10 mA	570 mA	88.5	3300μF
CQB150-300S48□-CMFC CQB150-300S48□-CMFD	180-425 VDC	48 VDC	0 mA	3.2 A	10 mA	570 mA	89	1000μF

NOTE:

1. Nominal Input Voltage 300VDC
2. □ = N or None
3. VR is Used for Output Voltage Adjustment.
4. Refer to Application Note for Thermal Resistance and Derating Informations.
5. TVS is Included for Input Surge Voltage Protection.
6. Recommend an External Fuse for Input Reverse Polarity Protection (Shunt Diode is Included Inside).

Mouser Electronics

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