



## FEATURES

- \* 150W Isolated Output
- \* Efficiency up 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
- \* UL60950-1 2<sup>nd</sup> (Reinforced Insulation) Approval
- \* CB Test Certificate IEC60950-1
- \* Shock & Vibration Meets EN50155 (EN61373)
- \* Fire & Smoke Meets EN45545-2

# 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	10000 $\mu$ F
CQB150-300S12	180-425 VDC	12 VDC	0 mA	12.5 A	10 mA	560 mA	89	8800 $\mu$ F
CQB150-300S15	180-425 VDC	15 VDC	0 mA	10 A	10 mA	560 mA	89	8800 $\mu$ F
CQB150-300S24	180-425 VDC	24 VDC	0 mA	6.3 A	10 mA	570 mA	88.5	3300 $\mu$ F
CQB150-300S28	180-425 VDC	28 VDC	0 mA	5.4 A	10 mA	570 mA	88.5	3300 $\mu$ F
CQB150-300S48	180-425 VDC	48 VDC	0 mA	3.2 A	10 mA	570 mA	89	1000 $\mu$ F

### NOTE:

1. Nominal Input Voltage 300 VDC.
2. Require a Ceramic Capacitor 1500pF Connected Between -Vin to Case for All Models.
3. An External Input Capacitor 68 $\mu$ F for All Models are Recommended to Reduce Input Ripple Voltage.
4. Measure at Nominal Input Voltage.

