



Interocean EMC Technology Corp. Filing No.: 24A060701E-C

Verification of Conformity

Applicant : **Cincon Electronics Co., Ltd.**

No.8-1 Fu Kung Rd., Fu Hsing Park, Fu Hsing Hsiang,
Chang Hua Hsien, Taiwan, R.O.C.

Product : **CQB150W8-36SXX & CQB100W8-36SXX DC-DC CONVERTER**

Model No. : Refer to Page 2

On the basis of the tests undertaken, the sample(s) of the above product have been found to comply with the essential requirements of the referenced specifications at the time the tests were carried out. The tests undertaken are subject to selection based on inherent suitability of the product.

Relevant Standard(s) / Specification(s)

EN 50155: 2021 for EMC, Environmental and Characteristic

EN 50121-3-2: 2016 for EMC

EN 60068-2-1: 2007 for Environmental

EN 60068-2-2: 2007 for Environmental

EN 60068-2-30: 2005 for Environmental

Issued By:

Mike Huang / President

Date: Dec. 27, 2024





Model Number List

MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT		INPUT CURRENT	
			MIN.	MAX.	NO LOAD	FULL LOAD
CQB150W8-36S05	9-75 VDC	5 VDC	0 mA	25000 mA	25 mA	3901 mA
CQB150W8-36S12	9-75 VDC	12 VDC	0 mA	12500 mA	25 mA	4630 mA
CQB150W8-36S15	9-75 VDC	15 VDC	0 mA	10000 mA	25 mA	4630 mA
CQB150W8-36S24	9-75 VDC	24 VDC	0 mA	6300 mA	22 mA	4719 mA
CQB150W8-36S28	9-75 VDC	28 VDC	0 mA	5400 mA	22 mA	4667 mA
CQB150W8-36S48	9-75 VDC	48 VDC	0 mA	3150 mA	22 mA	4719 mA
CQB150W8-36S54	9-75 VDC	54 VDC	0 mA	2800 mA	22 mA	4667 mA

MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT		INPUT CURRENT	
			MIN.	MAX.	NO LOAD	FULL LOAD
CQB100W8-36S05	9-75 VDC	5 VDC	0 mA	20000 mA	25 mA	3121 mA
CQB100W8-36S12	9-75 VDC	12 VDC	0 mA	8300 mA	25 mA	3126 mA
CQB100W8-36S15	9-75 VDC	15 VDC	0 mA	6700 mA	25 mA	3154 mA
CQB100W8-36S24	9-75 VDC	24 VDC	0 mA	4200 mA	22 mA	3146 mA
CQB100W8-36S28	9-75 VDC	28 VDC	0 mA	3600 mA	22 mA	3111 mA
CQB100W8-36S48	9-75 VDC	48 VDC	0 mA	2100 mA	22 mA	3146 mA
CQB100W8-36S54	9-75 VDC	54 VDC	0 mA	1850 mA	22 mA	3049 mA

NOTE:

1. Nominal Input Voltage 36 VDC.
2. Measured at Input Voltage 48VDC.
3. An External Input Capacitor 470uF for All Models are Recommended to Reduce Input Ripple Voltage.

Model No.: CQB150W8-36SYZ & CQB100W8-36SYZ

(Y Can be 05, 12, 15, 24, 28, 48, 54; Z Can be N, N-C, N-B, -C, -B, -C-B, N-C-B, -CMFC, -CMFD, N-CMFC, N-CMFD, -M2, or blank)

blank: positive remote on/off logic, M3x0.5 Mounting Inserts

-C: positive remote on/off logic, Clear Mounting Insert (3.2mm DIA.)

-B: positive remote on/off logic, M3x0.5 Mounting Inserts, With Bus & UVLO Function

-C-B: positive remote on/off logic, Clear Mounting Insert (3.2mm DIA.) and with Bus & External UVLO Function

N-C: negative remote on/off logic, Clear Mounting Insert (3.2mm DIA.)

N-B: negative remote on/off logic, M3x0.5 Mounting Inserts, With Bus & UVLO Function

N-C-B: negative remote on/off logic, Clear Mounting Insert (3.2mm DIA.) and with Bus & External UVLO Function

N: negative remote on/off logic, M3x0.5 Mounting Inserts

-CMFC: positive remote on/off logic, chassis mount built in filter open frame

N-CMFC: negative remote on/off logic, with chassis mount built in filter open frame

-CMFD: positive remote on/off logic chassis mount built in filter open frame with cover

N-CMFD: negative remote on/off logic, with chassis mount built in filter open frame with cover

-M2: Operating Case Temperature -55 to 105 degrees C