



Railway Power Series

xQB100W-110S SERIES

100 WATT 4:1 INPUT DC-DC CONVERTERS SINGLE OUTPUT



FEATURES

- * 100W 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
- * UL60950-1 2nd (Basic Insulation) Approval
- * CB Test Certificate IEC60950-1
- * 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.	CAPACITIVE LOAD MAX.
			MIN.	MAX.	NO LOAD	FULL LOAD		
xQB100W-110S05	43-160 VDC	5.0 VDC	0 mA	20 A	10 mA	1.00A	91	20000 μ F
xQB100W-110S12	43-160 VDC	12 VDC	0 mA	8.4 A	10 mA	1.00A	92	8400 μ F
xQB100W-110S24	43-160 VDC	24 VDC	0 mA	4.2 A	10 mA	1.03A	89	4200 μ F
xQB100W-110S28	43-160 VDC	28 VDC	0 mA	3.6 A	10 mA	1.04A	88.5	3600 μ F
xQB100W-110S48	43-160 VDC	48 VDC	0 mA	2.1 A	10 mA	1.02A	90	1000 μ F

NOTE:

1. Nominal Input Voltage 110VDC
2. An external input capacitor 220uF for all models are recommended to reduce input ripple voltage.

