

QCTR850K

60Hz~0.8GHz, 50KW

Features:
 * Low VSWR
 * Broadband

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

Frequency Range: 60Hz~0.8GHz
 Average Power: 50KW
 Voltage: 220V AC
 Power display accuracy: $\pm 10\%$
 Impedance: 50 Ω

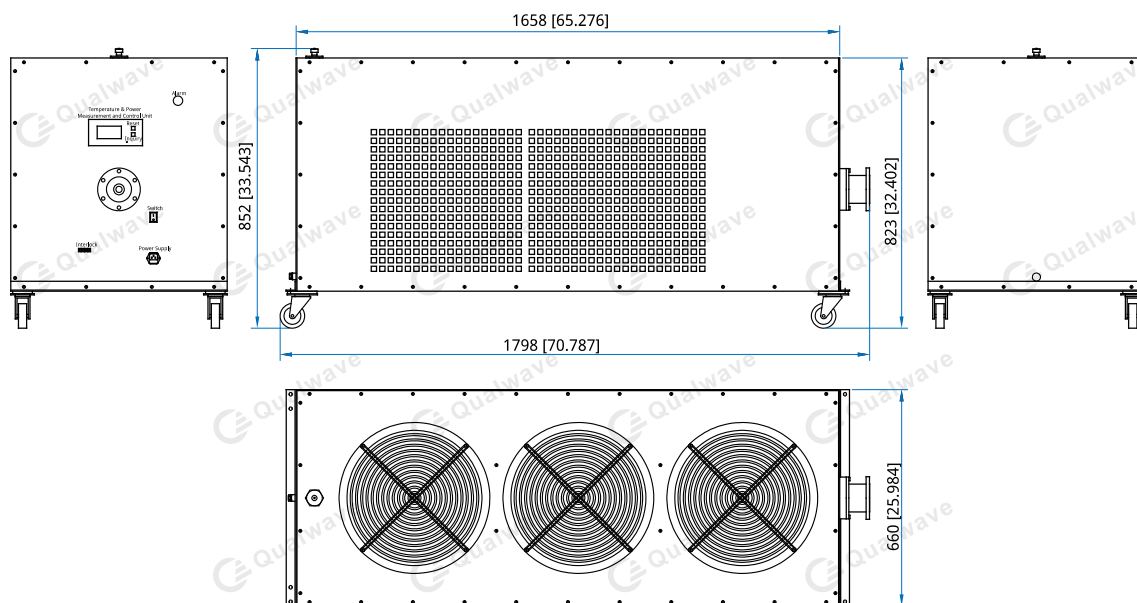
Frequency	VSWR (max.)	Connectors
60Hz~0.1GHz	1.1	3-1/8" (IF110)
60Hz~0.8GHz	1.25	

Mechanical

Size: 1798*660*852mm
 70.787*25.984*33.543in
 Weight: 185kg
 Housing: Aluminum
 Outer Conductor: Nickel plated aluminum
 Male Inner Conductor: Silver plated phosphor copper
 Female Inner Conductor: Silver plated brass
 Coating: Gray paint
 Cooling: Water cooling^{*1}

[1] Coolant: 100% pure water, or 65% pure water + 35% ethylene glycol;
 Coolant capacity: Approximately 27L.

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 3\%$

Environmental

Temperature: +5~+45°C (pure water)
 -20~+35°C (65% pure water+35% ethylene glycol)

Connector naming rules:

A6 - 3-1/8" (IF110)

Examples:

To order an termination, 60Hz~0.1GHz, 3-1/8" (IF110), specify QCTR850K-R1-A6.

Customization is available upon request.

How To Order

QCTR850K-X-Y

X: Frequency in GHz

Y: Connector type