



EC6AW-110 SERIES 10 WATT 4:1 INPUT DC-DC CONVERTERS



FEATURES

- * 8.25-10W Isolated Output
- * Efficiency to 88.5%
- * Low No Load Power Consumption
- * 4:1 Input Range
- * Regulated Outputs
- * Input Under-Voltage Protection
- * Remote On/Off
- * Continuous Short Circuit Protection
- * Over Current Protection
- * All Ceramic Capacitor Design
- * UL60950-1 2nd (Basic Insulation) Approval
- * Meets EN50155 with External Circuits
- * Shock & Vibration Meets EN50155 (EN61373)
- * Fire & Smoke Meets EN45545-2
- * 3050m Operating Altitude
- * Safety Meets IEC/EN/UL 62368-1



| MODEL NUMBER | INPUT VOLTAGE | OUTPUT VOLTAGE | OUTPUT CURRENT | | INPUT CURRENT | | % EFF. | CAPACITOR LOAD MAX. |
|--------------|---------------|----------------|----------------|--------------|---------------|-----------|--------|---------------------|
| | | | MIN. | MAX. | NO LOAD | FULL LOAD | | |
| EC6AW-110S33 | 43-160 VDC | 3.3 VDC | 0 mA | 2500 mA | 6 mA | 89 mA | 85 | 2500 μ F |
| EC6AW-110S05 | 43-160 VDC | 5 VDC | 0 mA | 2000 mA | 6 mA | 105 mA | 87 | 2000 μ F |
| EC6AW-110S12 | 43-160 VDC | 12 VDC | 0 mA | 835 mA | 6 mA | 104 mA | 88 | 835 μ F |
| EC6AW-110S15 | 43-160 VDC | 15 VDC | 0 mA | 666 mA | 6 mA | 103 mA | 88.5 | 666 μ F |
| EC6AW-110D05 | 43-160 VDC | \pm 5 VDC | 0 mA | \pm 1000mA | 6 mA | 107 mA | 85 | 1000 μ F |
| EC6AW-110D12 | 43-160 VDC | \pm 12 VDC | 0 mA | \pm 416mA | 6 mA | 105 mA | 87 | 416 μ F |
| EC6AW-110D15 | 43-160 VDC | \pm 15 VDC | 0 mA | \pm 333mA | 6 mA | 104 mA | 87.5 | 333 μ F |

NOTE:

1. Nominal Input Voltage 110 VDC

