

EC4AW SERIES

3.3-6 WATT 4:1 INPUT RANGE

DC-DC CONVERTERS



FEATURES

- * 3.3-6W Isolated Output
- * DIP-24/SMD Package
- * Efficiency to 83%
- * 4:1 Input Range
- * Regulated Outputs
- * Pi Input Filter
- * Continuous Short Circuit Protection
- * Without Tantalum Capacitor Inside
- * Safety Meets IEC/EN/UL 62368-1



| MODEL NUMBER ⁽¹⁾ | INPUT VOLTAGE ⁽²⁾ | OUTPUT VOLTAGE | OUTPUT CURRENT | INPUT CURRENT | | % EFF. | | CAPACITOR LOAD MAX. |
|-----------------------------|------------------------------|----------------|----------------|---------------|-----------|--------|-----|---------------------|
| | | | | NO LOAD | FULL LOAD | (3) | (4) | |
| EC4AW01□ | 9-36 VDC | 5 VDC | 1000 mA | 5 mA | 254 mA | 84 | 82 | 1000uF |
| EC4AW02□ | 9-36 VDC | 12 VDC | 470 mA | 5 mA | 283 mA | 85 | 83 | 470uF |
| EC4AW03□ | 9-36 VDC | 15 VDC | 400 mA | 5 mA | 301 mA | 85 | 83 | 400uF |
| EC4AW04□ | 9-36 VDC | ±12 VDC | ±230 mA | 7.5 mA | 280 mA | 85 | 82 | 230uF |
| EC4AW05□ | 9-36 VDC | ±15 VDC | ±190 mA | 7.5 mA | 293 mA | 85 | 81 | 190uF |
| EC4AW06□ | 9-36 VDC | ±5 VDC | ±500 mA | 5 mA | 251 mA | 85 | 83 | 500uF |
| EC4AW07□ | 9-36 VDC | 3.3 VDC | 1000 mA | 5 mA | 176 mA | 80 | 78 | 1000uF |
| EC4AW11□ | 18-72 VDC | 5 VDC | 1000 mA | 5 mA | 132 mA | 83 | 79 | 1000uF |
| EC4AW12□ | 18-72 VDC | 12 VDC | 470 mA | 5 mA | 143 mA | 86 | 82 | 470uF |
| EC4AW13□ | 18-72 VDC | 15 VDC | 400 mA | 5 mA | 154 mA | 86 | 81 | 400uF |
| EC4AW14□ | 18-72 VDC | ±12 VDC | ±230 mA | 7.5 mA | 143 mA | 85 | 80 | 230uF |
| EC4AW15□ | 18-72 VDC | ±15 VDC | ±190 mA | 7.5 mA | 148 mA | 85 | 80 | 190uF |
| EC4AW16□ | 18-72 VDC | ±5 VDC | ±500 mA | 5 mA | 130 mA | 84 | 80 | 500uF |
| EC4AW17□ | 18-72 VDC | 3.3 VDC | 1000 mA | 5 mA | 93 mA | 79 | 74 | 1000uF |

NOTE:

1. □ Can be None, H, HM or HMS.
2. Nominal Input Voltage: 24 or 48 VDC.
3. Measured at 12VDC for 24Vin, 24VDC for 48Vin.
4. Measured at Nominal Input Voltage.

