

Models and Ratings

Single Output Models

Output Voltage	Output Current Minimum	Output Current Maximum		Ripple & Noise	Model Number
		Convection cooled	5 CFM		
3.3 V	0.0 A	15.0 A	20.0 A	50 mV	ECM100US03
5.0 V	0.0 A	15.0 A	20.0 A	50 mV	ECM100US05
7.0 V	0.0 A	11.4 A	14.3 A	70 mV	ECM100US07
9.0 V	0.0 A	8.8 A	11.1 A	90 mV	ECM100US09
12.0 V	0.0 A	7.5 A	8.3 A	120 mV	ECM100US12
15.0 V	0.0 A	6.0 A	6.6 A	150 mV	ECM100US15
18.0 V	0.0 A	5.0 A	5.5 A	180 mV	ECM100US18
24.0 V	0.0 A	4.1 A	4.1 A	240 mV	ECM100US24
28.0 V	0.0 A	3.6 A	3.6 A	280 mV	ECM100US28
33.0 V	0.0 A	3.0 A	3.0 A	330 mV	ECM100US33
48.0 V	0.0 A	2.1 A	2.1 A	480 mV	ECM100US48

Multi Output Models

Power Max Convection	Power Max 5 CFM	Output 1	Imin/Imax	Output 2	Imin/Imax	Output 3	Imin/Imax	Output 4	Imin/Imax	Model Number
80 W	100 W	+5.0 V	0.0 A/12 A	+12.0 V	0.00 A / 3.0 A					ECM100UD21
80 W	100 W	+5.0 V	0.0 A/12 A	+15.0 V	0.00 A / 3.0 A					ECM100UD22
75 W	100 W	+5.0 V	0.5 A/10 A	+12.0 V	0.00 A / 3.0 A	-12.0 V	0.0 A / 0.8 A			ECM100UT31
80 W	100 W	+5.0 V	0.5 A/10 A	+24.0 V	0.00 A / 2.0 A	-12.0 V	0.0 A / 0.8 A			ECM100UT32
80 W	100 W	+5.0 V	0.5 A/10 A	+15.0 V	0.00 A / 3.0 A	-15.0 V	0.0 A / 0.8 A			ECM100UT33
65 W	100 W	+3.3 V	0.5 A/10 A	+5.0 V	0.00 A / 5.0 A	+12.0 V	0.0 A / 0.8 A			ECM100UT34
70 W	100 W	+5.0 V	0.5 A/10 A	+3.3 V	0.00 A / 5.0 A	+12.0 V	0.0 A / 0.8 A			ECM100UT35
80 W	100 W	+5.0 V	0.5 A/10 A	+12.0 V	0.00 A / 3.0 A	-5.0 V	0.0 A / 0.8 A			ECM100UT36
70 W	100 W	+5.0 V	0.5 A/10 A	+15.0 V	0.00 A / 3.0 A	-5.0 V	0.0 A / 0.8 A			ECM100UT37
65 W	100 W	+5.0 V	0.5 A/10 A	+3.3 V	0.10 A / 5.0 A	+12.0 V	0.0 A / 0.8 A	-12.0 V	0.0 A / 0.5 A	ECM100UQ41
60 W	100 W	+3.3 V	0.5 A/10 A	+5.0 V	0.10 A / 5.0 A	+12.0 V	0.0 A / 0.8 A	-12.0 V	0.0 A / 0.5 A	ECM100UQ42
80 W	100 W	+5.0 V	0.5 A/10 A	+24.0 V	0.10 A / 2.0 A	+12.0 V	0.0 A / 0.8 A	-12.0 V	0.0 A / 0.5 A	ECM100UQ43
80 W	100 W	+5.0 V	0.5 A/10 A	+24.0 V	0.10 A / 2.0 A	+15.0 V	0.0 A / 0.8 A	-15.0 V	0.0 A / 0.5 A	ECM100UQ44
80 W	100 W	+5.0 V	0.5 A/10 A	+12.0 V	0.10 A / 3.0 A	-12.0 V	0.0 A / 0.8 A	-5.0 V	0.0 A / 0.5 A	ECM100UQ45
80 W	100 W	+5.0 V	0.5 A/10 A	+15.0 V	0.10 A / 3.0 A	-15.0 V	0.0 A / 0.8 A	-5.0 V	0.0 A / 0.5 A	ECM100UQ46

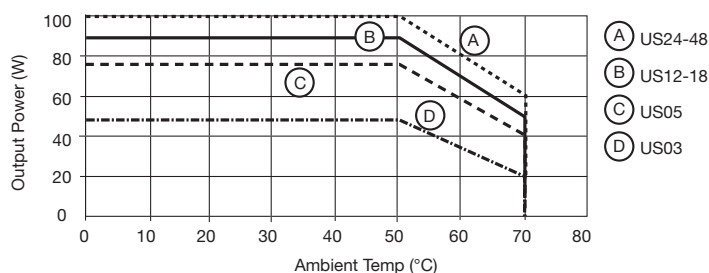
Notes

1. To receive unit with cover fitted, add suffix '-C' to model number.

2. Output 3 available with opposite polarity for OEM quantities.

Derating Curves

All ECM100 single output models convection cooled



Note:

- Derate by 10% if cover is fitted.
- For multi output convection-cooled operation above 50 °C derate linearly to 50% at 70 °C.

All ECM100 models with 5 CFM

