

DC/DC Converters



ZT Series Single and Dual Outputs — 1.5-3 Watts, Vertical Board Mount



Designed for Ultra Thin Profile, High Reliability, and Low Cost.

- Vertical Mounting
- High Quality — Field Failure Rate Less than 0.012%
- Wide Range Input Series: 4.5 to 72 VDC
- Over-Current Protection Circuitry
- Fully Regulated and Fully Isolated Between Input and Output
- Low EMI: Brass Die Cast Housing
- Five Year Warranty

Single Output

Stock No.	Mfr.'s Type	Wattage Approx.	Input Voltage	Output Volts/Amps	Dimensions W × H × D (In.)	EACH		
						1-4	5-24	25-99
800-2600	ZTS1R50505	1.5	5 (4.5-9)	5/0.300	1.10 × 0.82 × 0.39	18.28	17.17	15.96

Single Output (continued)

Stock No.	Mfr.'s Type	Wattage Approx.	Input Voltage	Output Volts/Amps	Dimensions W × H × D (In.)	EACH		
						1-4	5-24	25-99
800-2605	ZTS1R50512	1.5	5 (4.5-9)	12/0.130	1.10 × 0.82 × 0.39	18.28	17.17	15.96
800-2615	ZTS1R51205	1.5	12 (9-18)	5/0.300	1.10 × 0.82 × 0.39	18.28	17.17	15.96
800-2625	ZTS1R51215	1.5	12 (9-18)	15/0.100	1.10 × 0.82 × 0.39	18.28	17.17	15.96
800-2630	ZTS1R52405	1.5	24 (18-36)	5/0.300	1.10 × 0.82 × 0.39	18.28	17.17	15.96
800-2635	ZTS1R52412	1.5	24 (18-36)	12/0.130	1.10 × 0.82 × 0.39	18.28	17.17	15.96
800-2660	ZTS30505	3.0	5 (4.5-9)	5/0.600	1.39 × 1.02 × 0.39	22.29	20.94	19.47
800-2685	ZTS31215	3.0	12 (9-18)	15/0.200	1.39 × 1.02 × 0.39	22.29	20.94	19.47
800-2690	ZTS32405	3.0	24 (18-36)	5/0.600	1.39 × 1.02 × 0.39	22.29	20.94	19.47
800-2695	ZTS32412	3.0	24 (18-36)	12/0.250	1.39 × 1.02 × 0.39	22.29	20.94	19.47

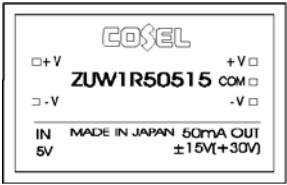
Multiple Output

800-2725	ZTW1R50515	1.5	5 (4.5-9)	±15	1.10 × 0.82 × 0.39	18.28	17.17	15.96
800-2730	ZTW1R51212	1.5	12 (9-18)	±12	1.10 × 0.82 × 0.39	18.28	17.17	15.96
800-2735	ZTW1R51215	1.5	12 (9-18)	±15	1.10 × 0.82 × 0.39	18.28	17.17	15.96
800-2740	ZTW1R52412	1.5	24 (18-36)	±12	1.10 × 0.82 × 0.39	18.28	17.17	15.96
800-2775	ZTW31215	3.0	12 (9-18)	±15	1.39 × 1.02 × 0.39	22.29	20.94	19.47
800-2780	ZTW32412	3.0	24 (18-36)	±12	1.39 × 1.02 × 0.39	22.29	20.94	19.47

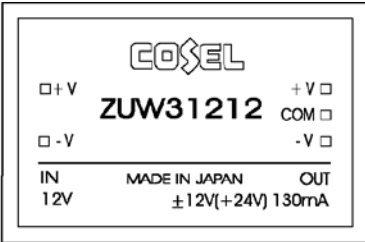
ZU Series Single and Dual Outputs — 1.5-25 Watts, Board Mount



Designed for Ultra Thin Profile, High Reliability, and Low Cost.



ZUW1R50515



ZUW31212

- Thinnest Industry Available Profile: 1.5-10 Watts — 0.28"; 15-25 Watts — 0.33"
- High Quality — Field Failure Rate Less than 0.012%
- Wide Range Input Series: 4.5 to 72 VDC
- Over-Current Protection Circuitry
- Fully Regulated and Fully Isolated Between Input and Output

- Low EMI: 1.5-10 Watts — Brass Die Cast Housing; 15-25 Watts — Aluminum Die Cast Housing
- UL, CSA, TUV Safety Approvals
- Five Year Warranty

Single Output

Stock No.	Mfr.'s Type	Wattage Approx.	DC Input Voltage	DC Output Volts/Amps	Dimensions W × H × D (In.)	EACH		
						1-4	5-24	25-99
800-3000	ZUS1R50505	1.5	5 (4.5-9)	5/0.300	1.08 × 0.28 × 0.71	15.82	15.13	14.49
800-3005	ZUS1R50512	1.5	5 (4.5-9)	12/0.130	1.08 × 0.28 × 0.71	15.82	15.13	14.49
800-3015	ZUS1R51205	1.5	12 (9-18)	5/0.300	1.08 × 0.28 × 0.71	15.82	15.13	14.49
800-3020	ZUS1R51212	1.5	12 (9-18)	12/0.130	1.08 × 0.28 × 0.71	15.82	15.13	14.49
800-3030	ZUS1R51215	1.5	12 (9-18)	15/0.100	1.08 × 0.28 × 0.71	15.82	15.13	14.49
800-3025	ZUS1R52405	1.5	24 (18-36)	5/0.300	1.08 × 0.28 × 0.71	15.82	15.13	14.49
800-3035	ZUS1R52412	1.5	24 (18-36)	12/0.130	1.08 × 0.28 × 0.71	15.82	15.13	14.49
800-3040	ZUS1R52415	1.5	24 (18-36)	15/0.100	1.08 × 0.28 × 0.71	15.82	15.13	14.49
800-3045	ZUS1R54805	1.5	48 (36-72)	5/0.300	1.08 × 0.28 × 0.71	15.82	15.13	14.49
800-3050	ZUS1R54812	1.5	48 (36-72)	12/0.130	1.08 × 0.28 × 0.71	15.82	15.13	14.49
800-3055	ZUS1R54815	1.5	48 (36-72)	15/0.100	1.08 × 0.28 × 0.71	15.82	15.13	14.49
800-3060	ZUS30505	3.0	5 (4.5-9)	5/0.600	1.37 × 0.28 × 0.91	19.34	18.49	17.71
800-3065	ZUS30512	3.0	5 (4.5-9)	12/0.250	1.37 × 0.28 × 0.91	19.34	18.49	17.71
800-3070	ZUS30515	3.0	5 (4.5-9)	15/0.200	1.37 × 0.28 × 0.91	19.34	18.49	17.71
800-3075	ZUS31205	3.0	12 (9-18)	5/0.600	1.37 × 0.28 × 0.91	19.34	18.49	17.71
800-3080	ZUS31212	3.0	12 (9-18)	12/0.250	1.37 × 0.28 × 0.91	19.34	18.49	17.71
800-3085	ZUS31215	3.0	12 (9-18)	15/0.200	1.37 × 0.28 × 0.91	19.34	18.49	17.71
800-3090	ZUS32405	3.0	24 (18-36)	5/0.600	1.37 × 0.28 × 0.91	19.34	18.49	17.71
800-3095	ZUS32412	3.0	24 (18-36)	12/0.250	1.37 × 0.28 × 0.91	19.34	18.49	17.71
800-3100	ZUS32415	3.0	24 (18-36)	15/0.200	1.37 × 0.28 × 0.91	19.34	18.49	17.71
800-3105	ZUS34805	3.0	48 (36-72)	5/0.600	1.37 × 0.28 × 0.91	19.34	18.49	17.71
800-3110	ZUS34812	3.0	48 (36-72)	12/0.250	1.37 × 0.28 × 0.91	19.34	18.49	17.71
800-3120	ZUS60505	6.0	5 (4.5-9)	5/1.000	1.75 × 0.28 × 1.10	27.47	26.26	25.15
800-3125	ZUS60512	6.0	5 (4.5-9)	12/0.500	1.75 × 0.28 × 1.10	27.47	26.26	25.15
800-3135	ZUS61205	6.0	12 (9-18)	5/1.200	1.75 × 0.28 × 1.10	27.47	26.26	25.15
800-3140	ZUS61212	6.0	12 (9-18)	12/0.500	1.75 × 0.28 × 1.10	27.47	26.26	25.15
800-3145	ZUS61215	6.0	12 (9-18)	15/0.400	1.75 × 0.28 × 1.10	27.47	26.26	25.15
800-3150	ZUS62405	6.0	24 (18-36)	5/1.200	1.75 × 0.28 × 1.10	27.47	26.26	25.15
800-3155	ZUS62412	6.0	24 (18-36)	12/0.500	1.75 × 0.28 × 1.10	27.47	26.26	25.15
800-3160	ZUS62415	6.0	24 (18-36)	15/0.400	1.75 × 0.28 × 1.10	27.47	26.26	25.15
800-3165	ZUS64805	6.0	48 (36-72)	5/1.200	1.75 × 0.28 × 1.10	27.47	26.26	25.15
800-3180	ZUS100505	10.0	5 (4.5-9)	5/1.600	1.77 × 0.28 × 1.38	42.20	40.34	38.63
800-3185	ZUS100512	10.0	5 (4.5-9)	12/0.700	1.77 × 0.28 × 1.38	42.20	40.34	38.63
800-3190	ZUS100515	10.0	5 (4.5-9)	15/0.600	1.77 × 0.28 × 1.38	42.20	40.34	38.63
800-3195	ZUS101205	10.0	12 (9-18)	5/2.000	1.77 × 0.28 × 1.38	42.20	40.34	38.63
800-3200	ZUS101212	10.0	12 (9-18)	12/0.900	1.77 × 0.28 × 1.38	42.20	40.34	38.63
800-3210	ZUS102405	10.0	24 (18-36)	5/2.000	1.77 × 0.28 × 1.38	42.20	40.34	38.63
800-3215	ZUS102412	10.0	24 (18-36)	12/0.900	1.77 × 0.28 × 1.38	42.20	40.34	38.63
800-3230	ZUS104812	10.0	48 (36-72)	12/0.900	1.77 × 0.28 × 1.38	42.20	40.34	38.63
800-9700	ZUS151205	15.0	12 (9-18)	5/2.400	1.78 × 0.34 × 1.97	70.43	65.08	60.43
800-9710	ZUS151212	15.0	12 (9-18)	12/1.300	1.78 × 0.34 × 1.97	70.43	65.08	60.43
800-9712	ZUS152405	15.0	24 (18-36)	5/2.400	1.78 × 0.34 × 1.97	70.43	65.08	60.43
800-9714	ZUS152412	15.0	24 (18-36)	12/1.300	1.78 × 0.34 × 1.97	70.43	65.08	60.43
800-9720	ZUS251205	25.0	12 (9-18)	5/4.000	2.56 × 0.33 × 1.97	84.56	78.14	72.56

*Output pins can be connected in series to make a 24 or 30 V output.

Single Output (continued)

Stock No.	Mfr.'s Type	Wattage Approx.	DC Input Voltage	DC Output Volts/Amps	Dimensions W × H × D (In.)	EACH		
						1-4	5-24	25-99
800-9722	ZUS251212	25.0	12 (9-18)	12/2.100	2.56 × 0.33 × 1.97	84.56	78.14	72.56
800-9724	ZUS252405	25.0	24 (18-36)	5/4.000	2.56 × 0.33 × 1.97	84.56	78.14	72.56
800-9726	ZUS252412	25.0	24 (18-36)	12/2.100	2.56 × 0.33 × 1.97	84.56	78.14	72.56
800-9728	ZUS254805	25.0	48 (36-72)	5/4.000	2.56 × 0.33 × 1.97	84.56	78.14	72.56
800-9730	ZUS254812	25.0	48 (36-72)	12/2.100	2.56 × 0.33 × 1.97	84.56	78.14	72.56

Multiple Output

800-3240	ZUW1R50512	1.5	5 (4.5-9)	±12*/0.065	1.08 × 0.28 × 0.71	18.02	17.23	16.50
800-3245	ZUW1R50515	1.5	5 (4.5-9)	±15*/0.050	1.08 × 0.28 × 0.71	18.02	17.23	16.50
800-3250	ZUW1R51212	1.5	12 (9-18)	±12*/0.065	1.08 × 0.28 × 0.71	18.02	17.23	16.50
800-3255	ZUW1R51215	1.5	12 (9-18)	±15*/0.050	1.08 × 0.28 × 0.71	18.02	17.23	16.50
800-3260	ZUW1R52412	1.5	24 (18-36)	±12*/0.065	1.08 × 0.28 × 0.71	18.02	17.23	16.50
800-3265	ZUW1R52415	1.5	24 (18-36)	±15*/0.050	1.08 × 0.28 × 0.71	18.02	17.23	16.50
800-3275	ZUW1R54815	1.5	48 (36-72)	±15*/0.050	1.08 × 0.28 × 0.71	18.02	17.23	16.50
800-3280	ZUW30512	3.0	5 (4.5-9)	±12*/0.130	1.37 × 0.28 × 0.91	21.54	20.59	19.72
800-3285	ZUW30515	3.0	5 (4.5-9)	±15*/0.100	1.37 × 0.28 × 0.91	21.54	20.59	19.72
800-3290	ZUW31212	3.0	12 (9-18)	±12*/0.130	1.37 × 0.28 × 0.91	21.54	20.59	19.72
800-3295	ZUW31215	3.0	12 (9-18)	±15*/0.100	1.37 × 0.28 × 0.91	21.54	20.59	19.72
800-3300	ZUW32412	3.0	24 (18-36)	±12*/0.130	1.37 × 0.28 × 0.91	21.54	20.59	19.72
800-3305	ZUW32415	3.0	24 (18-36)	±15*/0.100	1.37 × 0.28 × 0.91	21.54	20.59	19.72
800-3320	ZUW60512	6.0	5 (4.5-9)	±12*/0.250	1.75 × 0.28 × 1.10	29.67	28.36	27.16
800-3325	ZUW60515	6.0	5 (4.5-9)	±15*/0.200	1.75 × 0.28 × 1.10	29.67	28.36	27.16
800-3330	ZUW61212	6.0	12 (9-18)	±12*/0.250	1.75 × 0.28 × 1.10	29.67	28.36	27.16
800-3335	ZUW61215	6.0	12 (9-18)	±15*/0.200	1.75 × 0.28 × 1.10	29.67	28.36	27.16
800-3340	ZUW62412	6.0	24 (18-36)	±12*/0.250	1.75 × 0.28 × 1.10	29.67	28.36	27.16
800-3345	ZUW62415	6.0	24 (18-36)	±15*/0.200	1.75 × 0.28 × 1.10	29.67	28.36	27.16
800-3355	ZUW64815	6.0	48 (36-72)	±15*/0.200	1.75 × 0.28 × 1.10	29.67	28.36	27.16
800-3365	ZUW100515	10.0	5 (4.5-9)	±15/0.3000	1.77 × 0.28 × 1.38	44.40	42.44	40.64
800-3370	ZUW101212	10.0	12 (9-18)	±12*/0.450	1.77 × 0.28 × 1.38	44.40	42.44	40.64
800-3375	ZUW101215	10.0	12 (9-18)	±15*/0.350	1.77 × 0.28 × 1.38	44.40	42.44	40.64
800-3380	ZUW102412	10.0	24 (18-36)	±12*/0.450	1.77 × 0.28 × 1.38	44.40	42.44	40.64</