

DAS Series Single Output —
50-100 Watts Modular, Board Mount

Designed for High Reliability, High Wattage, Low Profile Applications

- High Quality — Field Failure Rate Less than 0.012%

► Ideal for Distributive Power Systems

► Thin and Small SMT Construction

► Wide Voltage Input Series: 88-370 VDC

► Fully Regulated and Isolated Between Input/Output
- Over-Voltage and Over-Current Protection Circuitry

► Built-In Remote On/Off, Isolated from Output

► UL, CSA, TUV Safety Approvals

► Three Year Warranty

► Heatsink Available Upon Request

Stock No.	Mfr.'s Type	Watts Approx.	Input Voltage	Output Volts/Amps	Dimensions W × H × D (In.)	EACH	
						1-4	5-24
800-9782	DASS0F12	50	DC 88 ~ 370 V	12 V/4.2 A	2.28 × 0.5 × 4.53	112.18	103.55
800-9783	DASS0F24	50	DC 88 ~ 370 V	24 V/2.1 A	2.28 × 0.5 × 4.53	112.18	103.55
800-9784	DAS100F05	100	DC 88 ~ 370 V	5 V/20.0 A	2.28 × 0.5 × 5.12	166.62	153.96
800-9785	DAS100F12	100	DC 88 ~ 370 V	12 V/8.5 A	2.28 × 0.5 × 5.12	166.62	153.96
800-9786	DAS100F24	100	DC 88 ~ 370 V	24 V/4.2 A	2.28 × 0.5 × 5.12	166.62	153.96

CBS Series
50, 100, and 200 Watt
DC-DC Power Modules

Designed for Datacom and Telecom Applications

- High Quality: Documented Field Failure Rate Less than 0.012%

► Half Brick Industry Standard — Pin for Pin Compatible with Lucent JW Series

► Fully Isolated Input-Output

► DC Input: 36 ~ 76 VDC

► Built-In Overcurrent, Overvoltage Protection

► Thermal Protection

► Remote Sensing

► Remote ON/OFF

► -40 ~ 100°C Operation

► Five-Year Warranty
- NEW —



Z Series Single and Dual Outputs —
1.5-10 Watts, Board Mount

Designed for High Reliability and Small Compact Footprint.

- Small Compact Footprint

► High Quality — Field Failure Rate Less than 0.012%

► Wide Range Input Series: 4.5 to 63 VDC

► Over-Current Protection Circuitry

► Fully Regulated and Fully Isolated Between Input/Output

► Series and Parallel Redundancy Operation

► Five Year Warranty

Single Output

Stock No.	Mfr.'s Type	Watts Approx.	Input Voltage	Output Volts/Amps	Dimensions W × H × D (In.)	EACH	
						1-4	5-24
800-1700	ZS1R50505	1.5	5 (4.5-6.0)	5/0.25	1.30 × 0.82 × 0.39	24.57	22.70
800-1705	ZS1R50512	1.5	5 (4.5-6.0)	12/0.12	1.30 × 0.82 × 0.39	24.57	22.70
800-1710	ZS1R50515	1.5	5 (4.5-6.0)	15/0.10	1.30 × 0.82 × 0.39	24.57	22.70
800-1715	ZS1R51205	1.5	12 (10-15)	5/0.25	1.30 × 0.82 × 0.39	24.57	22.70
800-1720	ZS1R51212	1.5	12 (10-15)	12/0.12	1.30 × 0.82 × 0.39	24.57	22.70

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

DBS Series DC/DC Power Modules

High Density 200-400 Watt Modules

- Small Size, Multifunction

► Wide Range Input DC Voltage: 200-400 VDC, 200-400 VDC

► Standard Outputs: 3.3, 5, 7.5, 12 VDC

► High Quality — Documented Field Failure Rate Less than 0.012%

► Fully Regulated and Isolated Between Input/Output
- Over-Voltage and Over-Current Protection Circuitry

► Thermal Protection

► N + 1 Redundancy Operation

► True Parallel Operation

► UL, cUL, TUV Safety Approvals

Stock No.	Mfr.'s Type	Watts Approx.	Input Voltage	Output Volts/Amps	Dimensions W × H × D (In.)	EACH	
						1-4	5-24
800-9787	DBS200B03	200	200 ~ 400 V	3.3/50	2.00 × 0.5 × 4.20	197.42	182.69
800-9788	DBS200B05	200	200 ~ 400 V	5.0/40	2.00 × 0.5 × 4.20	197.42	182.69
800-9789	DBS200B07	200	200 ~ 400 V	7.5/28	2.00 × 0.5 × 4.20	197.42	182.69
800-9790	DBS200B12	200	200 ~ 400 V	12.0/20	2.00 × 0.5 × 4.20	197.42	182.69
800-9791	DBS400B03	400	200 ~ 400 V	3.3/80	2.00 × 0.5 × 4.20	250.14	230.90
800-9792	DBD400B05	400	200 ~ 400 V	5.0/80	2.00 × 0.5 × 4.20	250.14	230.90
800-9793	DBS400B07	400	200 ~ 400 V	7.5/54	2.00 × 0.5 × 4.20	250.14	230.90
800-9794	DBS400B12	400	200 ~ 400 V	12.0/34	2.00 × 0.5 × 4.20	279.68	258.81

Stock No.	Mfr.'s Type	Watts Approx.	Input Voltage	Output Volts/Amps	Dimensions W × H × D (In.)	EACH	
						1-4	5-24
800-9960	CBS504803	50	48	3.3/11.7	2.28 × .5 × 2.4	85.00	80.95
800-9961	CBS504805	50	48	5.0/10.0	2.28 × .5 × 2.4	85.00	80.95
800-9962	CBS504812	50	48	12.0/4.2	2.28 × .5 × 2.4	85.00	80.95
800-9963	CBS504815	50	48	15.0/3.4	2.28 × .5 × 2.4	85.00	80.95
800-9964	CBS504824	50	48	24.0/2.1	2.28 × .5 × 2.4	85.00	80.95
800-9965	CBS504828	50	48	28.0/1.8	2.28 × .5 × 2.4	85.00	80.95
800-9966	CBS1004803	100	48	3.3/23.4	2.28 × .5 × 2.4	119.00	113.33
800-9967	CBS1004805	100	48	5.0/20.0	2.28 × .5 × 2.4	119.00	113.33
800-9968	CBS1004812	100	48	12.0/8.4	2.28 × .5 × 2.4	85.00	80.95
800-9969	CBS1004815	100	48	15.0/6.7	2.28 × .5 × 2.4	119.00	113.33
800-9970	CBS1004824	100	48	24.0/4.2	2.28 × .5 × 2.4	119.00	113.33
800-9971	CBS1004828	100	48	28.0/3.6	2.28 × .5 × 2.4	119.00	113.33
800-9972	CBS2004803	200	48	3.3/35.0	2.28 × .5 × 2.4	136.00	129.52
800-9973	CBS2004805	200	48	5.0/30.0	2.28 × .5 × 2.4	136.00	129.52
800-9974	CBS2004812	200	48	12.0/16.7	2.28 × .5 × 2.4	136.00	129.52
800-9975	CBS2004815	200	48	15.0/13.4	2.28 × .5 × 2.4	136.00	129.52
800-9976	CBS2004824	200	48	24.0/8.4	2.28 × .5 × 2.4	136.00	129.52
800-9977	CBS2004828	200	48	28.0/7.2	2.28 × .5 × 2.4	136.00	129.52

Single Output (Continued)

Stock No.	Mfr.'s Type	Watts Approx.	Input Voltage	Output Volts/Amps	Dimensions W × H × D (In.)	EACH	
						1-4	5-24
800-1725	ZS1R51215	1.5	12 (10-15)	15/0.10	1.30 × 0.82 × 0.39	24.57	22.70
800-1730	ZS1R52405	1.5	24 (20-30)	5/0.25	1.30 × 0.82 × 0.39	26.00	24.00
800-1735	ZS1R52412	1.5	24 (20-30)	12/0.12	1.30 × 0.82 × 0.39	24.57	22.70
800-1740	ZS1R52415	1.5	24 (20-30)	15/0.10	1.30 × 0.82 × 0.39	24.57	22.70
800-1995	ZS30505	3.0	5 (4.5-6.0)	5/0.50	1.83 × 1.18 × 0.39	30.11	27.82
800-2031	ZS30512	3.0	5 (4.5-6.0)	12/0.25	1.83 × 1.18 × 0.39	30.11	27.82
800-2032	ZS30515	3.0	5 (4.5-6.0)	15/0.20	1.83 × 1.18 × 0.39	30.11	27.82
800-2033	ZS31205	3.0	12 (10-15)	5/0.50	1.83 × 1.18 × 0.39	30.11	27.82
800-2035	ZS31212	3.0	12 (10-15)	12/0.25	1.83 × 1.18 × 0.39	30.11	27.82
800-2036	ZS31215	3.0	12 (10-15)	15/0.20	1.83 × 1.18 × 0.39	30.11	27.82
800-2037	ZS32405	3.0	24 (20-30)	5/0.50	1.83 × 1.18 × 0.39	30.11	27.82
800-2038	ZS32412	3.0	24 (20-30)	12/0.25	1.83 × 1.18 × 0.39	30.11	27.82
800-2040	ZS34805	3.0	48 (35-63)	5/0.50	1.83 × 1.18 × 0.39	30.11	27.82
800-2050	ZS34812	3.0	48 (35-63)	12/0.25	1.83 × 1.18 × 0.39	30.11	27.82
800-2051	ZS60512	6.0	5 (4.5-6.0)	12/0.50	1.65 × 1.85 × 0.55	43.05	39.78
800-1760	ZS61205	6.0	12 (10-15)	5/1.00	1.65 × 1.85 × 0.55	43.05	39.78
800-1765	ZS61212	6.0	12 (10-15)	12/0.50	1.65 × 1.85 × 0.55	43.05	39.78
800-1775	ZS62405	6.0	24 (20-30)	5/1.00	1.65 × 1.85 × 0.55	43.05	39.78
800-1780	ZS62412	6.0	24 (20-30)	12/0.50	1.65 × 1.85 × 0.55	43.05	39.78
800-1785	ZS62415	6.0	24 (20-30)	15/0.40	1.65 × 1.85 × 0.55	43.05	39.78
800-2090	ZS101205	10.0	12 (10-15)	5/2.00	1.65 × 1.85 × 0.55	63.12	58.32
800-2095	ZS101212	10.0	12 (10-15)	12/0.90	1.65 × 1.85 × 0.55	63.12	58.32
800-2100	ZS101215	10.0	12 (10-15)	15/0.70	1.65 × 1.85 × 0.55	63.12	58.32
800-2105	ZS102405	10.0	24 (20-30)	5/2.00	1.65 × 1.85 × 0.55	63.12	58.32
800-2110	ZS102412	10.0	24 (20-30)	12/0.90	1.65 × 1.85 × 0.55	63.12	58.32
800-2125	ZS104812	10.0	48 (35-63)	12/0.90	1.65 × 1.85 × 0.55	63.12	58.32

Multiple Output

800-1500	ZW1R50512	1.5	5 (4.5-6.0)	±12*/0.06	1.30 × 0.82 × 0.39	27.21	25.14
800-1505	ZW1R50515	1.5	5 (4.5-6.0)	±15/0.05	1.30 × 0.82 × 0.39	27.21	25.14
800-1510	ZW1R51212	1.5	12 (10-15)	±12*/0.06	1.30 × 0.82 × 0.39	27.21	25.14
800-1515	ZW1R51215	1.5	12 (10-15)	±15/0.05	1.30 × 0.82 × 0.39	27.21	25.14
800-1520	ZW1R52412	1.5	24 (20-30)	±12*/0.06	1.30 × 0.82 × 0.39	27.21	25.14
800-1525	ZW1R52415	1.5	24 (20-30)	±15/0.05	1.30 × 0.82 × 0.39	27.21	25.14
800-1530	ZW30512	3.0	5 (4.5-6.0)	±12*/0.12	1.83 × 1.18 × 0.39	31.69	29.28
800-1535	ZW30515	3.0	5 (4.5-6.0)	±15/0.10	1.83 × 1.18 × 0.39	31.69	29.28
800-1540	ZW31212	3.0	12 (10-15)	±12*/0.12	1.83 × 1.18 × 0.39	31.69	29.28
800-1545	ZW31215	3.0	12 (10-15)	±15/0.10	1.83 × 1.18 × 0.39	31.69	29.28
800-1550	ZW32412	3.0	24 (20-30)	±12*/0.12	1.83 × 1.18 × 0.39	31.69	29.28
800-1555	ZW32415	3.0	24 (20-30)	±15/0.10	1.83 × 1.18 × 0.39	31.69	29.28
800-1565	ZW60515	6.0	5 (4.5-6.0)	±15/0.20	1.65 × 1.85 × 0.55	47.53	43.92
800-1566	ZW61212	6.0	12 (10-15)	±12*/0.25	1.65 × 1.85 × 0.55	47.53	43.93
800-1570	ZW61215	6.0	12 (10-15)	±15/0.20	1.65 × 1.85 × 0.55	47.53	43.92
800-1575	ZW62412	6.0	24 (20-30)	±12*/0.25	1.65 × 1.85 × 0.55	47.53	43.92
800-2160	ZW64815	6.0	48 (35-63)	±15/0.20	1.65 × 1.85 × 0.55	47.53	43.92
800-1595	ZW101212	10.0	12 (10-15)	±12*/0.45	1.65 × 1.85 × 0.55	64.70	59.78
800-1600	ZW101215	10.0	12 (10-15)	±15/0.35	1.65 × 1.85 × 0.55	64.70	59.78
800-1610	ZW102415	10.0	24 (20-30)	±15/0.35	1.65 × 1.85 × 0.55	64.70	59.78

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