

**KW Series Compact AC-DC PCB-Mount Power Supplies**

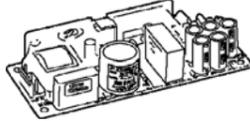


- ▶ Wide Range Input: 85-265 VAC
- ▶ Ultra-Small and Lightweight
- ▶ Low Noise Conducted EMI Class B
- ▶ -10°C to +70°C Continuous Operation
- ▶ Worldwide Agency Approvals — UL, CSA, TUV and CE Mark
- ▶ PC Board Mountable
- ▶ SMD Technology
- ▶ Convection-Cooled

**5 V Output**

Stock No.	Mfr.'s Type	Watts	Max. Current Amps at				Dimensions L x W x H (In.)	EACH	
			40°	50°	60°	71°		1-4	5-24
831-2000	KWSS-5	5	1.00	1.000	0.600	0.250	2.16 x 1.770 x 0.807	70.41	68.43
831-2005	KWS10-5	10	2.00	2.000	1.200	0.500	2.52 x 1.770 x 0.807	80.46	78.20
831-2010	KWS15-5	15	3.00	3.000	1.800	0.750	2.75 x 1.889 x 0.925	117.83	114.51

**VS Series 100/115 VAC Low Cost Power Supplies**



- ▶ AC Input: 85-132 VAC
- ▶ 105° Capacitors for High Reliability
- ▶ Low Cost
- ▶ Radiated and Conducted EMI Per FCC Class B and VCCI-11
- ▶ Output Adjustment (10%)
- ▶ Full Agency Approvals
- ▶ Lambda's 2 Year Warranty

**3.3 V (±10%) Output**

Stock No.	Mfr.'s Type	Watts	Max. Current Amps at			Dimensions L x W x H (In.)	EACH	
			40°	50°	60°		1-4	5-24
831-2501	VS10C-3	6.6	2.00	2.00	1.40	3.70 x 1.93 x 0.67	22.00	21.00
831-2506	VS15C-3	9.9	3.00	3.00	2.10	4.53 x 1.97 x 0.67	33.00	29.00
831-2511	VS30C-3	19.8	6.00	6.00	4.20	5.22 x 1.97 x 0.98	38.00	35.00
831-2515	VS50B-3	33.0	10.00	10.00	7.00	7.68 x 1.97 x 0.98	62.09	60.34
831-2525	VS100B-3	66.0	20.00	20.00	14.00	8.74 x 2.44 x 1.26	119.74	116.37
831-2530	VS150B-3	99.0	27.00	24.00	18.00	8.74 x 2.95 x 1.42	155.22	150.85

**5 V (±10%) Output**

Stock No.	Mfr.'s Type	Watts	Max. Current Amps at			Dimensions L x W x H (In.)	EACH	
			40°	50°	60°		1-4	5-24
831-2536	VS10C-5	10.0	2.00	2.00	1.40	3.70 x 1.93 x 0.67	22.00	21.00
831-2541	VS15C-5	15.0	3.00	3.00	2.10	4.53 x 1.97 x 0.67	33.00	29.00
831-2546	VS30C-5	30.0	6.00	6.00	4.20	5.22 x 1.97 x 0.98	38.00	35.00
831-2550	VS50B-5	50.0	10.00	10.00	7.00	7.68 x 1.97 x 0.98	62.09	60.34
831-2555	VS100B-5	75.0	15.00	15.00	10.50	8.74 x 1.97 x 1.26	96.09	93.38
831-2560	VS150B-5	100.0	20.00	20.00	14.00	8.74 x 2.44 x 1.26	119.74	116.37
831-2565	VS150B-5	150.0	27.00	24.00	18.00	8.74 x 2.95 x 1.42	155.22	150.85

**12 V (±10%) Output**

Stock No.	Mfr.'s Type	Watts	Max. Current Amps at			Dimensions L x W x H (In.)	EACH	
			40°	50°	60°		1-4	5-24
831-2571	VS10C-12	10.2	0.85	0.85	0.60	3.70 x 1.93 x 0.67	22.00	21.00
831-2576	VS15C-12	15.0	1.25	1.25	0.90	4.53 x 1.97 x 0.67	33.00	29.00
831-2581	VS30C-12	30.0	2.50	2.50	1.75	5.22 x 1.97 x 0.98	38.00	35.00
831-2585	VS50B-12	51.6	4.30	4.30	3.00	7.68 x 1.97 x 0.98	62.09	60.34
831-2590	VS75B-12	75.6	6.30	6.30	4.40	8.74 x 1.97 x 1.26	96.09	93.38
831-2595	VS100B-12	105.0	8.50	8.50	5.95	8.74 x 2.44 x 1.26	119.74	116.37
831-2600	VS150B-12	151.0	11.25	10.00	7.50	8.74 x 2.95 x 1.42	155.22	150.85

**15 V (±10%) Output**

Stock No.	Mfr.'s Type	Watts	Max. Current Amps at			Dimensions L x W x H (In.)	EACH	
			40°	50°	60°		1-4	5-24
831-2606	VS10C-15	10.5	0.70	0.70	0.50	3.70 x 1.93 x 0.67	22.00	21.00
831-2611	VS15C-15	15.0	1.00	1.00	0.70	4.53 x 1.97 x 0.67	33.00	29.00
831-2616	VS30C-15	30.0	2.00	2.00	1.40	5.22 x 1.97 x 0.98	38.00	35.00
831-2620	VS50B-15	52.5	3.50	3.50	2.50	7.68 x 1.97 x 0.98	62.09	60.34
831-2625	VS75B-15	75.0	5.00	5.00	3.50	8.74 x 1.97 x 1.26	96.09	93.38
831-2630	VS100B-15	105.0	7.00	7.00	4.90	8.74 x 2.44 x 1.26	119.74	116.37
831-2635	VS150B-15	150.0	9.00	8.00	6.00	8.74 x 2.95 x 1.42	155.22	150.85

**24 V (±10%) Output**

Stock No.	Mfr.'s Type	Watts	Max. Current Amps at			Dimensions L x W x H (In.)	EACH	
			40°	50°	60°		1-4	5-24
831-2641	VS10C-24	10.8	0.45	0.45	0.30	3.70 x 1.93 x 0.67	22.00	21.00
831-2646	VS15C-24	15.6	0.65	0.65	0.45	4.53 x 1.97 x 0.67	33.00	29.00
831-2651	VS30C-24	31.2	1.30	1.30	0.90	5.22 x 1.97 x 0.98	38.00	35.00
831-2655	VS50B-24	60.0	2.50	2.50	1.75	7.68 x 1.97 x 0.98	62.09	60.34
831-2660	VS75B-24	76.8	3.20	3.20	2.20	8.74 x 1.97 x 1.26	96.23	93.52
831-2665	VS100B-24	103.2	4.30	4.30	3.00	8.74 x 2.44 x 1.26	119.74	116.37
831-2670	VS150B-24	151.2	5.67	5.04	3.80	8.74 x 2.95 x 1.42	155.22	150.85

**36 V (±10%) Output**

Stock No.	Mfr.'s Type	Watts	Max. Current Amps at			Dimensions L x W x H (In.)	EACH	
			40°	50°	60°		1-4	5-24
831-2675	VS75B-36	75.6	2.10	2.10	1.50	8.74 x 1.97 x 1.26	96.09	93.38
831-2680	VS100B-36	108.0	3.00	3.00	2.10	8.74 x 2.44 x 1.26	119.74	116.37
831-2685	VS150B-36	151.2	3.80	3.40	2.50	8.74 x 2.95 x 1.42	155.22	150.85

**48 V (±10%) Output**

Stock No.	Mfr.'s Type	Watts	Max. Current Amps at			Dimensions L x W x H (In.)	EACH	
			40°	50°	60°		1-4	5-24
831-2690	VS75B-48	76.8	1.60	1.60	1.10	8.74 x 1.97 x 1.26	96.23	93.52
831-2695	VS100B-48	105.6	2.20	2.20	1.50	8.74 x 2.44 x 1.26	119.74	116.37
831-2700	VS150B-48	153.6	2.90	2.60	1.90	8.74 x 2.95 x 1.42	155.22	150.85

**12 V Output**

Stock No.	Mfr.'s Type	Watts	Max. Current Amps at				Dimensions L x W x H (In.)	EACH	
			40°	50°	60°	71°		1-4	5-24
831-2015	KWSS-12	5	0.45	0.450	0.270	0.110	2.16 x 1.770 x 0.807	70.41	68.43
831-2020	KWS10-12	10	0.90	0.900	0.540	0.220	2.52 x 1.770 x 0.807	80.46	78.20
831-2025	KWS15-12	15	1.30	1.300	0.780	0.320	2.75 x 1.889 x 0.925	117.83	114.51

**15 V Output**

Stock No.	Mfr.'s Type	Watts	Max. Current Amps at				Dimensions L x W x H (In.)	EACH	
			40°	50°	60°	71°		1-4	5-24
831-2030	KWSS-15	5	0.35	0.350	0.210	0.087	2.16 x 1.770 x 0.807	70.41	68.43
831-2035	KWS10-15	10	0.70	0.700	0.420	0.175	2.52 x 1.770 x 0.807	80.46	78.20
831-2040	KWS15-15	15	1.00	1.000	0.600	0.250	2.75 x 1.889 x 0.925	117.83	114.51

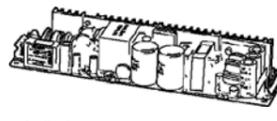
**±12 V Output**

Stock No.	Mfr.'s Type	Watts	Max. Current Amps at				Dimensions L x W x H (In.)	EACH	
			40°	50°	60°	71°		1-4	5-24
831-2045	KWDS-1212	5	0.22	0.220	0.137	0.055	2.16 x 1.770 x 0.807	70.41	68.43
831-2050	KWD10-1212	10	0.45	0.450	0.280	0.110	2.52 x 1.770 x 0.807	80.46	78.20
831-2055	KWD15-1212	15	0.65	0.650	0.400	0.160	2.75 x 1.889 x 0.925	117.83	114.51

**±15 V Output**

Stock No.	Mfr.'s Type	Watts	Max. Current Amps at				Dimensions L x W x H (In.)	EACH	
			40°	50°	60°	71°		1-4	5-24
831-2060	KWDS-1515	5	0.18	0.180	0.110	0.045	2.16 x 1.770 x 0.807	70.41	68.43
831-2065	KWD10-1515	10	0.36	0.360	0.220	0.090	2.52 x 1.770 x 0.807	80.46	78.20
831-2070	KWD15-1515	15	0.52	0.520	0.320	0.130	2.75 x 1.889 x 0.925	117.83	114.51

**ZW Series Worldwide, Low Cost Power Supplies**



- ▶ AC Input: ZWS30, ZWS50 — 85-265 VAC, 47-440 Hz; ZWS75, ZWS100, ZWS150 — 85-132 VAC, 170-265 VAC, 47-63 Hz (Autostrap)
- ▶ Power Factor and Harmonic Correction
- ▶ Input Transient Protection
- ▶ Universal AC Input
- ▶ Output Adjustment (10%)
- ▶ High Quality Design
- ▶ Worldwide Safety Agency Approvals
- ▶ High Current Capability On The PPF Version for Thermal Printer Applications
- ▶ Radiated and Conducted EMI Per EN55022-B and FCC Class B
- ▶ Lambda's 2 Year Warranty

**3.3 V (2.97-3.63) Output**

Stock No.	Mfr.'s Type	Watts	Max. Current Amps at			Dimensions L x W x H (In.)	EACH	
			40°	50°	60°		1-4	5-24
831-3045	ZWS30-3	19.8	6.00	6.00	4.20	5.24 x 2.170 x 1.020	57.65	56.03
831-3015	ZWS50-3	33.0	10.00	10.00	7.00	7.68 x 2.170 x 1.020	72.43	70.39
831-3020	ZWS75PF-3	49.5	15.00	15.00	10.50	8.74 x 2.170 x 1.380	113.83	110.62
831-3025	ZWS100PF-3	66.0	20.00	20.00	12.00	8.74 x 2.440 x 1.380	141.91	137.92
831-3030	ZWS150PF-3	99.0	30.00*	30.00*	21.00*	8.74 x 2.950 x 1.580	184.78	179.58

**5 V (4.5-5.5)**

Stock No.	Mfr.'s Type	Watts	Max. Current Amps at			Dimensions L x W x H (In.)	EACH	
			40°	50°	60°		1-4	5-24
831-3045	ZWS30-5	30.0	6.00	6.00	4.20	5.24 x 2.170 x 1.020	60.85	59.13
831-3050	ZWS50-5	50.0	10.00	10.00	7.00	7.68 x 2.170 x 1.020	72.43	70.39
831-3055	ZWS75PF-5	75.0	15.00	15.00	10.50	8.74 x 2.170 x 1.380	113.83	110.62
831-3060	ZWS100PF-5	100.0	20.00	20.00	12.00	8.74 x 2.440 x 1.380	141.91	137.92