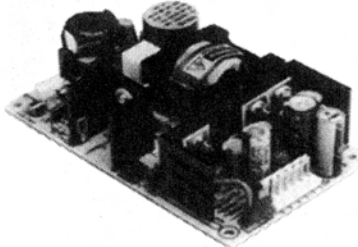


LSW—LOW PROFILE SWITCHERS



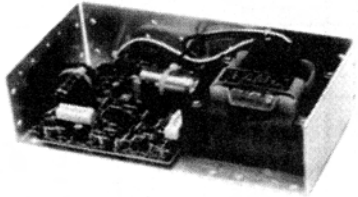
- Compact Size
 - Up to 4 Outputs
 - Input RFI Filter to VDE Standards
 - Current Mode, MOSFET Topology
 - Overcurrent and Overvoltage Protection Main Output
 - Open PCB Construction
 - 1% P-P typical ripple and noise
 - Input Frequency: 47-440 Hz
 - Cooling: Some units require forced air for maximum output power
 - Current: (115 VAC)—LSW30-0.8A, LSW40-1.2A, LSW65-1.6A, LSW110P-3A, (230 VAC)—LSW30-0.5A, LSW40-0.7A, LSW65-1.0A, LS110P-1.8A
 - UL Recognized, CSA Certified and TUV Approved
- Load Regulation:** 1% single output, 3% main output (50% to 100% load change). **Output Range:** ±5% on main output. **Overvoltage Protection:** 5.6V to 6.6V on +5V only. **Efficiency:** 65% min. at full load. **Operating Temperature:** 0°C to +50°C. **RFI Performance:** VDE 0871AA.

- Universal Input Range: 85 to 264 VAC
- 100% Burn-in
- High Efficiency

Mfr. No.	Output 1		Output 2		Output 3		Output 4		Watts	Dimensions (in.)		
	VDC	Amps	VDC	Amps	VDC	Amps	VDC	Amps		W	D	H
LSWS-3010	5	5	.....	.....	.....	.....	.....	.....	25	2.76	5.12	1.20
LSWS-3012	12	2.5	.....	.....	.....	.....	.....	.....	30	2.76	5.12	1.20
LSWS-3013	15	2	.....	.....	.....	.....	.....	.....	30	2.76	5.12	1.20
LSWS-3014	24	1.3	.....	.....	.....	.....	.....	.....	30	2.76	5.12	1.20
LSWT-3030	5	3	12	1.5	-5	0.2	.....	.....	30	2.76	5.12	1.20
LSWT-3031	5	3	12	1.5	-12	0.2	.....	.....	30	2.76	5.12	1.20
LSWT-3032	5	3	15	1.5	-15	0.2	.....	.....	30	2.76	5.12	1.20
LSWT-3033	5	3	15	1.5	-12	0.2	.....	.....	30	2.76	5.12	1.20
LSWS-4010	5	5	.....	.....	.....	.....	.....	.....	40	3.00	5.00	1.20
LSWS-4012	12	3.5	.....	.....	.....	.....	.....	.....	40	3.00	5.00	1.20
LSWS-4013	15	3	.....	.....	.....	.....	.....	.....	40	3.00	5.00	1.20
LSWS-4014	24	2	.....	.....	.....	.....	.....	.....	40	3.00	5.00	1.20
LSWT-4030	5	5	12	2	-5	0.3	.....	.....	40	3.00	5.00	1.20
LSWT-4031	5	5	12	2	-12	0.3	.....	.....	40	3.00	5.00	1.20
LSWT-4032	5	5	15	2	-15	0.3	.....	.....	40	3.00	5.00	1.20
LSWT-4033	5	5	15	2	-12	0.3	.....	.....	40	3.00	5.00	1.20
LSWT-4039	5	5	24	1	-12	0.3	.....	.....	40	3.00	5.00	1.20
LSWS-6510	5	10	.....	.....	.....	.....	.....	.....	50	3.50	6.00	1.77
LSWS-6512	12	5.5	.....	.....	.....	.....	.....	.....	65	3.50	6.00	1.77
LSWS-6513	15	4.5	.....	.....	.....	.....	.....	.....	65	3.50	6.00	1.77
LSWS-6514	24	3.5	.....	.....	.....	.....	.....	.....	65	3.50	6.00	1.77
LSWT-6530	5	6	12	3	-5	0.5	.....	.....	65	3.50	6.00	1.77
LSWT-6531	5	6	12	3	-12	0.5	.....	.....	65	3.50	6.00	1.77
LSWT-6532	5	6	15	3	-12	0.5	.....	.....	65	3.50	6.00	1.77
LSWT-6533	5	6	15	3	-12	0.5	.....	.....	65	3.50	6.00	1.77
LSWT-6539	5	6	24	2	-12	0.5	.....	.....	65	3.50	6.00	1.77
LSWQ-6540	5	6	12	3	-12	0.5	-5	0.5	65	3.50	6.00	1.77
LSWS-11010*	5	22	.....	.....	.....	.....	.....	.....	110	4.25	7.00	1.85
LSWS-11012*	12	9	.....	.....	.....	.....	.....	.....	110	4.25	7.00	1.85
LSWS-11013*	15	7.5	.....	.....	.....	.....	.....	.....	110	4.25	7.00	1.85
LSWS-11014*	24	4.5	.....	.....	.....	.....	.....	.....	110	4.25	7.00	1.85
LSWQ-11040*	5	10	12	5	-12	1	-5	1	110	4.25	7.00	1.85
LSWQ-11042*	5	10	12	5	-12	1	12	1	110	4.25	7.00	1.85
LSWQ-11045*	5	10	12	5	-12	1	24	1	110	4.25	7.00	1.85
LSWQ-11046*	5	10	15	4	-15	1	-5	1	110	4.25	7.00	1.85

*Needs 25 CFM air flow. 80W if convection cooled.

SPW SERIES LINEAR POWER SUPPLIES



- Overload protection with automatic recovery
- World-wide AC input range and safety standards
- 100% burn-in
- UL, CSA and TUV approved
- Built-in overvoltage protection standard on 5V output
- Low conducted and radiated noise levels; meets requirements of FCC Class B and VDE 0871 Class B
- Operating Temperature: 0° to 50°C, derate to 40% at +70°C
- Stability: 0.05% for 24 hours after warmup
- Frequency Response: 47-63 Hz
- Remote sensing provided on main outputs

Catalog No.	Output 1		Output 2		Output 3		Watts
	VDC	Amps	VDC	Amps	VDC	Amps	
SPWS-53-OV	5	3.0†	.....	.....	.....	.....	15
SPWS-56-OV	5	6.0†	.....	.....	.....	.....	30
SPWS-59-OV	5	9.0†	.....	.....	.....	.....	45
SPWS-512-OV	12.0†	.....	.....	.....	.....	.....	60
SPWD-30	5	3.0†	12	1.5‡	.....	.....	30
SPWD-80	5	6.0†	12	3.4†‡	.....	.....	80
SPWT-20	5	2.0†	12/15	0.4‡	12/15	0.4‡	20
SPWT-40	+5	3.0†	+12/+15	1.0/0.8	-12/-15	1.0/0.8	40
SPWT-60	+5	6.0†	+12/+15	1.0†/0.8†	-12/-15	1.0†/0.8†	60
SPWT-75	+5	6.0†	+12/+15	1.8/1.5	-12/-15	1.8/1.5	75
SPWT-80	+5	9.0†	+12/+15	1.8/1.5	-12/-15	1.8/1.5	80
SPWT-90	+5	3.0†	-5	0.5	+24	3.0‡	90
SPWS-1217	12/15	1.7†/1.5†	.....	.....	.....	.....	20
SPWS-1234	12	3.4†	.....	.....	.....	.....	40
SPWS-1251	12	5.1†	.....	.....	.....	.....	60
SPWS-1268	12	6.8†	.....	.....	.....	.....	80
SPWD-1210	+12/+15	1.0†/0.8†	-12/-15	1.0/0.8	.....	.....	24
SPWD-1218	+12/+15	1.8†/1.5†	-12/-15	1.8/1.5	.....	.....	43
SPWD-1234	12	3.4†	12	3.4†‡	.....	.....	91
SPWS-1530	15	3.0†	.....	.....	.....	.....	45
SPWS-1545	15	4.5†	.....	.....	.....	.....	67
SPWS-1560	15	6.0†	.....	.....	.....	.....	90
SPWD-1530	+15	3.0†	-15	3.0†	.....	.....	90
SPWS-2412	24	1.2†	.....	.....	.....	.....	28
SPWS-2424	24	2.4†	.....	.....	.....	.....	57
SPWS-2436	24	3.6†	.....	.....	.....	.....	86
SPWS-2448	24	4.8†	.....	.....	.....	.....	115
SPWS-2472	24	7.2†	.....	.....	.....	.....	172

† With remote sense ‡ Isolated output, all 5V outputs have built in overvoltage protection. Overvoltage protection is available option for other voltages.