

Switch Mode - continued

15/30/50 Watt Modular PSUs - Switch Mode - continued

227624

Series	Order Code	Price Each		
		1+	5+	+
ZWS15-5	118-4617	2,298.00	2,277.00	--
ZWS15-12	118-4619	2,298.00	2,277.00	--
ZWS15-15	118-4620	2,298.00	2,277.00	--
ZWS15-24	118-4621	2,298.00	2,277.00	--
ZWS30-5	118-4622	2,801.00	2,793.00	--
ZWS30-12	118-4624	2,801.00	2,793.00	--
ZWS30-15	118-4625	2,801.00	2,793.00	--
ZWS30-24	118-4626	2,801.00	2,793.00	--
ZWS50-5	118-4627	3,968.00	3,953.00	--
ZWS50-12	118-4628	3,968.00	3,953.00	--
ZWS50-24	118-4629	3,968.00	3,953.00	--

25 to 60 Watt Single and Triple Output



- Universal input
- High efficiency (70% typical)
- Wide choice of outputs
- Open PCB industry standard 3 x 5. in format
- Over voltage and over load protection
- 100% burn in
- CE marked in accordance with EN60950 (Low voltage directive)
- VDE, UL, CSA, NEMKO, BABT Approvals
- Optional cover kit available for additional safety
- Connectors are not provided

Mfrs. List No.	Output 1	Output 2	Output 3	Order Code
LPS22	5V 5A	—	—	117-1480
LPS23	12V 2.1A	—	—	117-1481
LPS25	24V 1.1A	—	—	117-1482
LPT22	5V 3A	+12V 1.5A	-12V 0.5A	117-1484
LPT23	5V 4A	+12V 0.5A	-12V 0.5A	117-1485
LPT24	5V 3A	+12V 1.5A	-5V 0.5A	117-1486
LPS41	3.3V 8A	—	—	117-1476
LPS42	5V 8A	—	—	117-1487
LPS43	12V 3.3A	—	—	117-1488
LPS44	15V 2.6A	—	—	117-1489
LPS45	24V 1.6A	—	—	117-1490
LPS48	48V 0.9A	—	—	117-1477
LPT42	5V 4A	+12V 2A	-12V 0.5A	117-1491
LPT43	5V 5A	+12V 0.5A	-12V 0.5A	117-1492
LPT44	5V 4A	+12V 2A	-5V 0.5A	117-1493
LPT45	5V 4A	15V 2A	-15V 0.5A	117-1467
LPT46	5V 4A	+24V 1A	+12V 0.5A	117-1502
LPT47	5V 4A	+24V 1A	+12V 0.5A	117-1503
LPT48	5V 4A	+24V 1A	-5V 0.5A	117-1504
LPS62	5V 12A	—	—	117-1494
LPS63	12V 5A	—	—	117-1496
LPS64	15V 4A	—	—	117-1468
LPS65	24V 2.5A	—	—	117-1497
LPS68	48V 1.3A	—	—	117-1478
LPT62	5V 7A	+12V 3A	-12V 0.7A	117-1498
LPT64	5V 7A	+12V 3A	-5V 0.7A	117-1500
LPT65	5V 7A	+24V 1.5A	12V 0.7A	117-1479
LPT67	5V 7A	+24V 1.6A	-5V 0.7A	117-1505

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Series	Order Code	Price Each				
		1+	5+	10+	+	+
LPS20	All Order Codes	2,636.00	2,315.00	2,139.00	--	--
LPT20	All Order Codes	2,817.00	2,474.00	2,285.00	--	--
LPS40	All Order Codes	3,097.00	2,720.00	2,513.00	--	--
LPT40	All Order Codes	2,858.00	2,510.00	2,319.00	--	--
LPS60	All Order Codes	3,304.00	2,901.00	2,680.00	--	--
LPT60	All Order Codes	3,700.00	3,341.00	3,086.00	--	--

Cover Kits

LP25/40	120-1552	1,583.00	1,456.00	1,346.00	--	--
LP60	120-1553	1,583.00	1,456.00	1,346.00	--	--

60W Single Output LPS50 Series



H=33,W=44.5,D=101.6mm

- Universal input
- 2"x4" footprint
- Remote sense
- Overload and short circuit protection
- Adjustable output voltage (±20%)
- 80-85% typical efficiency
- High MTBF
- Built in EMI filter (CISPR 22 Class B)
- LED power good indicator
- Input power <74W
- Complies with EN61000-3-2
- UL, CSA, NEMKO, TUV, CE(LVD) approvals

Input Voltage 90 to 264Vac Efficiency 80 - 85% typical
 127 to 300Vdc Maximum Power 60W for convection (LPS52, LPS52-M 55W)
 Frequency 47 to 440Hz Operating Temperature 0°C to +50°C
 Input Power <74W

Output Voltage (V)	Maximum Load (A)	Peak Load (A)	Ripple (pk-pk) mV	Mfrs. List No.	Order Code
5	11	12	50	LPS52	101-2350
12	0	5.4	120	LPS53	101-2351
15	4	4.4	150	LPS54	101-2352
24	2.5	2.75	240	LPS55	101-2353
48	1.25	1.35	480	LPS58	101-2354

Medical Approved

5	11	12	50	LPS52-M	101-2355
12	0	5.4	120	LPS53-M	101-2357
15	4	4.4	150	LPS54-M	101-2358
24	2.5	2.75	240	LPS55-M	101-2359
48	1.25	1.35	480	LPS58-M	101-2360

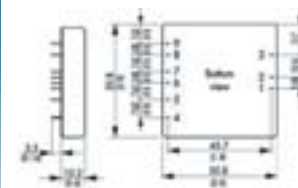
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Mfrs. List No.	Order Code	1+	5+	10+	+	+
LPS52	101-2350	4,534.00	4,360.00	4,200.00	--	--
LPS53	101-2351	4,534.00	4,360.00	4,200.00	--	--
LPS54	101-2352	4,534.00	4,360.00	4,200.00	--	--
LPS55	101-2353	4,534.00	4,360.00	4,200.00	--	--
LPS58	101-2354	4,534.00	4,360.00	4,200.00	--	--

Medical Approved

LPS52-M	101-2355	5,102.00	4,907.00	4,728.00	--	--
LPS53-M	101-2357	5,102.00	4,907.00	4,728.00	--	--
LPS54-M	101-2358	5,102.00	4,907.00	4,728.00	--	--
LPS55-M	101-2359	5,102.00	4,907.00	4,728.00	--	--
LPS58-M	101-2360	5,102.00	4,907.00	4,728.00	--	--

10-150 Watt Switch Mode TOF Series



- Compact open frame construction
- Optional chassis and cover
- Easy connection with screw terminal block
- Universal input 85-264 VAC
- Line regulation 0.5% max.
- Load regulation single output ±0.5% max.
- Load regulation triple output ±0.2% max. output 1, ±0.5% max. output 2/3
- Ripple & noise <1% Vout +50 mVpk-pk (20Mhz Bandwidth)
- EMI meets EN 55022 Class B, and FCC, level B
- Compliance to EN 61000-3-2, class A
- Overload protection
- 3 year guarantee



Mfrs. List No.	Output Power (max)	Voltage Output	Output Current	Dimensions (WxHxD)	Order Code
TOF 10-05S.	10W	5V dc	2A	105.0x20.0x50.0	820-5515
TOF 10-12S.	10W	12V dc	0.9A	105.0x20.0x50.0	820-5523
TOF 10-24S.	10W	24V dc	0.5A	105.0x20.0x50.0	820-5531
TOF 15-05S.	15W	5V dc	3.0A	125.0x20.0x50.0	820-5540
TOF 15-12S.	15W	12V dc	1.3A	125.0x20.0x50.0	820-5558
TOF 15-24S.	15W	24V dc	0.7A	125.0x20.0x50.0	820-5566
TOF 30-05S.	30W	5V dc	6A	133.0x25.0x55.0	820-5574
TOF 30-12S.	30W	12V dc	2.5 A	133.0x25.0x55.0	820-5582
TOF 30-24S.	30W	24V dc	1.3A	133.0x25.0x55.0	820-5590
TOF 50-05S.	50W	5V dc	10A	195.0x25.0x55.0	820-5604
TOF 50-12S.	50W	12V dc	4.3A	195.0x25.0x55.0	820-5612
TOF 50-24S.	50W	24V dc	2.1A	195.0x25.0x55.0	820-5620
TOF 75-05S.	75W	5V dc	15.0A	222.0x26.0x55.0	820-5639
TOF 75-12S.	75W	12V dc	6.3A	222.0x26.0x55.0	820-5647
TOF 75-24S.	75W	24V dc	3.2A	222.0x26.0x55.0	820-5655
TOF 100-05S.	100W	5V dc	20.0A	222.0x32.0x62.0	820-5663
TOF 100-12S.	100W	12V dc	8.5A	222.0x32.0x62.0	820-5671
TOF 100-24S.	100W	24V dc	4.2A	222.0x32.0x62.0	820-5680
TOF 150-05S.	150W	5V dc	30A	222.0x37.0x75.0	820-5698
TOF 150-12S.	150W	12V dc	12.5A	222.0x37.0x75.0	820-5701
TOF 150-24S.	150W	24V dc	6.3A	222.0x37.0x75.0	820-5710

Triple Output

Mfrs. List No.	Output Power (max)	Output 1	Output 1	Dimensions (WxHxD)	Order Code
TOF 15-0522T	15W	5V dc / 2A	±12V dc / 0.5A	127x22.6x50	473-1347
TOF 15-0533T	15W	5V dc / 2A	±15V dc / 0.45A	127x22.6x50	473-1359
TOF 30-0522T	30W	5V dc / 4A	+12V dc / 1.2A -12V dc / 0.5A	140x22.6x65	473-1360
TOF 30-0533T	30W	5V dc / 4A	+15V dc / 1.0A -15V dc / 0.5A	72x160x163	473-1372

Prices are in Thai Baht and exclude 7% VAT. Due to the volatile nature of certain products, prices are subject to change without notice.