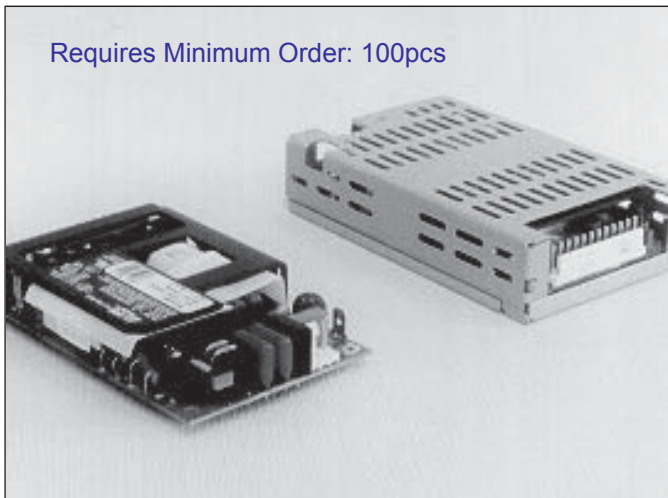


VLT SERIES

AC/DC Single & Multi Outputs: 40 -100 Watts



Features

- Universal input 90~264 VAC.
- High power density: over 7 watts per cubic in.
- Ultra miniature package open frame units.
- Light weight.
- Meets international EMC standards
- CE marked.
- Meets international safety standards: IEC950, EN60950, UL1950.
- Field proven design topology.
- Quality components high MTBF > 200,000hrs
- OVP and overload protection.
- Convection cooled.
- Open frame PCB package.
- Optional case kit assembly.
- **VLT130 available, quad output with Single Wire power share.**

Applications:

- Point of sale equipment
- Computer peripherals
- Touch screen displays
- Data networking equipment
- Telecommunications
- Industrial control
- Medical equipment

Individual data sheets and detailed engineering specifications available on request.

Specifications

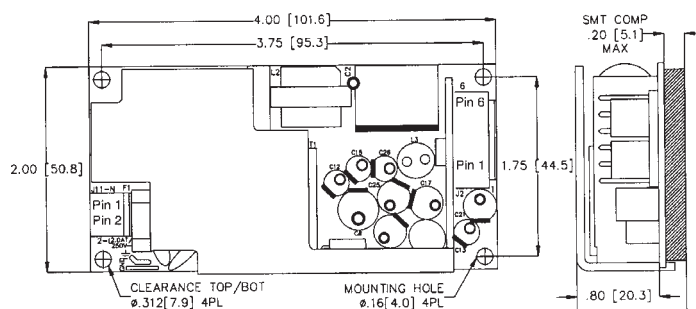
INPUT VOLTAGE:	90~264 VAC Auto ranging: VLT40 - VLT60 90~264 VAC: VLT80 - VLT100	
EFFICIENCY:	Model dependent typically 85%	
FREQUENCY:	47 - 63HZ.	
OUTPUT V/A:	Refer to table	
OUTPUT POWER:	40 - 100 Watts	
HOLD-UP TIME:	6ms - 15ms model dependent	
LINE REGULATION:	0.3% over input range	
LOAD REGULATION:	0.5% on V1, 5% on V2 - V4	
MINIMUM LOAD:	Minimum load required on V1 and V2 to meet regulation specification. Consult office for details.	
OVP:	Overvoltage protection on V1 only, VLT60 - VLT100 models	
OVERLOAD PROTECT:	Overcurrent / Overload protection. Primary Limited	
RIPPLE & NOISE:	50mV or 1% of nominal, whichever is greater	
TURN-ON DELAY:	Typically 5sec after AC power is supplied	
OPERATING TEMP:	0°C to 50°C at rated power.	
HUMIDITY:	5 - 95% non-condensing	
COOLING:	Convection cooled	
EMI/RFI:	EN55022 / EN55014 class B	
LEAKAGE CURRENT:	500µA maximum	
SAFETY:	IEC950, EN60950, UL1950 approved	
MTBF:	≥ 200,000 hrs	
DIMENSIONS & WEIGHT:	VLT40: 102 x 51 x 28mm	210g
(Open Frame)	VLT60: 102 x 51 x 28mm	210g
	VLT80: 127 x 77 x 27mm	255g
	VLT100: 127 x 77 x 27mm	290g
	VLT110: 127 x 77 x 27mm	290g
CONNECTOR:	AC Input: Molex 3 way	
	DC Output: Molex 6 way VLT40 - VLT60	
	Molex 12 way VLT80 - VLT100	
CABLE HARNESS:	Input/Output cable harness option, consult Amtex for details	
COVER KIT:	VLT60CK: 40 - 60 watts	110 x 60 x 32mm
(Option)	VLT80CK: 80-110 watts	136 x 86 x 32mm

VLT SERIES

AC/DC Single & Multi Outputs: 40 -100 Watts

MODEL (Open Frame)	V1		V2		V3		V4		Power W
VLT 40 - 1200	5V	8.0A							40W
VLT 40 - 1201	12V	3.5A							40W
VLT 40 - 1202	15V	2.7A							40W
VLT 40 - 1203	24V	1.7A							40W
VLT 40 - 3200	+5V	6.0A	+12V	2.0A	-12V	0.5A			40W
VLT 40 - 3201	+5V	6.0A	+24V	1.0A	-12V	0.5A			40W
VLT 40 - 3202	+5V	6.0A	+15V	1.5A	-15V	0.5A			40W
VLT 40 - 3203	+3.3V	6.0A	+5V	3.0A	-12V	0.5A			40W
VLT 60 - 1000	5V	10.0A							60W
VLT 60 - 1001	12V	5.0A							60W
VLT 60 - 1002	15V	4.0A							60W
VLT 60 - 1003	24V	2.5A							60W
VLT60 - 1004	48V	1.25A							60W
VLT 60 - 3000	+5V	8.0A	+12V	3.0A	-12V	0.5A			60W
VLT 60 - 3001	+5V	8.0A	+24V	1.5A	-12V	0.5A			60W
VLT 60 - 3002	+5V	8.0A	+15V	2.5A	-15V	0.5A			60W
VLT60 - 3003	3.3V	8.0A	5V	3.0A	-12V	0.5A			60W
VLT 80 - 1000	5V	12.0A							80W
VLT 80 - 1001	12V	6.8A							80W
VLT 80 - 1002	15V	5.5A							80W
VLT 80 - 1003	24V	3.4A							80W
VLT 80 - 1004	48V	1.7A							80W
VLT 80 - 4000	+5V	10.0A	+12V	3.0A	-5V	0.8A	-12V	0.8A	80W
VLT 80 - 4001	+5V	10.0A	+24V	2.0A	+12V	0.8A	-12V	0.8A	80W
VLT 80 - 4002	+5V	10.0A	+15V	3.0A	-5V	0.8A	-15V	0.8A	80W
VLT 80 - 4003	+5V	10.0A	+12V	3.0A	+24V	0.8A	-12V	0.8A	80W
VLT 80 - 4004	+3.3V	10.0A	+5V	3.0A	+12V	0.8A	-12V	0.8A	80W
VLT100 - 1001	12V	7.5A							100W
VLT100 - 1002	15V	6.9A							100W
VLT100 - 1003	24V	4.2A							100W
VLT100 - 1004	48V	2.1A							100W
VLT100 - 4000	+5V	12A	+12V	4.0A	-5V	0.8A	-12V	0.8A	100W
VLT100 - 4001	+5V	12A	+24V	2.0A	+12V	0.8A	-12V	0.8A	100W
VLT100 - 4002	+5V	12A	+15V	3.0A	-5V	0.8A	-15V	0.8A	100W
VLT100 - 4003	+5V	12A	+12V	4.0A	+24V	0.8A	-12V	0.8A	100W
VLT110 - 1330	5V	12A							60W
VLT110 - 1301	12V	6.6A							80W
VLT110 - 1302	15V	5.5A							82W
VLT110 - 1303	24V	3.4A							81W
VLT110 - 1304	48V	1.7A							81W
VLT110 - 4300	+5V	10A	+12V	3.0A	-5V	0.8A	-12V	0.8A	75~110W
VLT110 - 4301	+5V	10A	+24V	2.0A	+12V	0.8A	-12V	0.8A	75~110W
VLT110 - 4302	+5V	10A	+15V	3.0A	-5V	0.8A	-15V	0.8A	75~110W
VLT110 - 4303	+5V	10A	+12V	3.0A	+24V	0.8A	-12V	0.8A	75~110W
VLT110 - 4304	+3.3V	10A	+5V	3.0A	+12V	0.8A	-12V	0.8A	75~110W

VLT40, VLT60 (Open Frame)



VLT80, VLT100, VLT110 (Open Frame)

