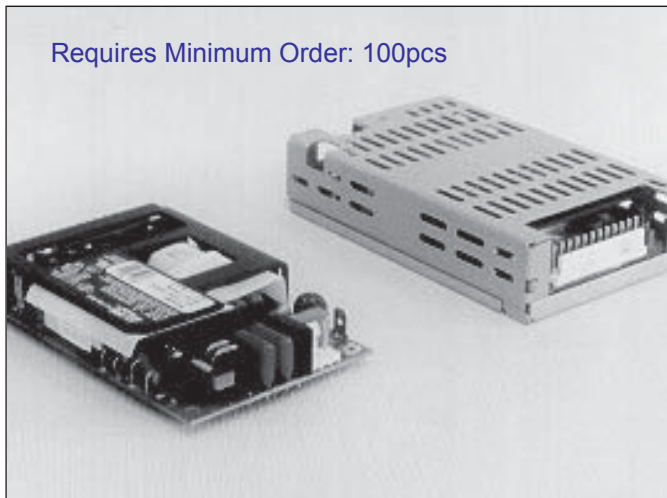


# VLT SERIES

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

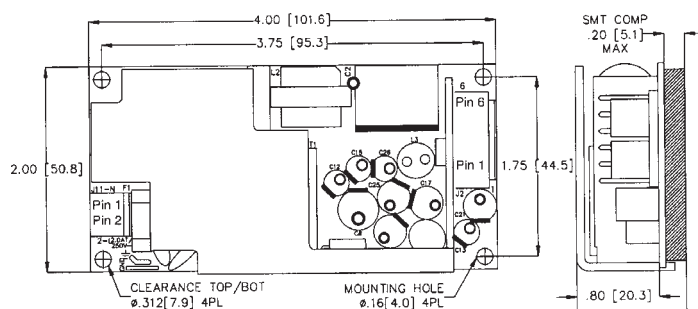
<b>INPUT VOLTAGE:</b>	90~264 VAC Auto ranging: VLT40 - VLT60 90~264 VAC: VLT80 - VLT100
<b>EFFICIENCY:</b>	Model dependent typically 85%
<b>FREQUENCY:</b>	47 - 63HZ.
<b>OUTPUT V/A:</b>	Refer to table
<b>OUTPUT POWER:</b>	40 - 100 Watts
<b>HOLD-UP TIME:</b>	6ms - 15ms model dependent
<b>LINE REGULATION: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

