



Features:

- SMPS Desktop Power Supply
- Wide AC Input 90V to 265VAC
- Input Inlet: IEC-320-C8
- Series covers various output voltages
- Energy Efficiency: Level V & VI
- Extremely low leakage current
- Leakage current: <0.25mA
- RoHS & REACH Compliant



Description

Our desktop switch mode power adapters deliver high efficiency and reliable performance across a wide power range from 12.5 W to 60 W, with various regulated DC output options. Designed in three compact case sizes, all models meet at least Level V energy efficiency and comply with international safety and EMC standards including IEC/EN60065, EN55013, EN55024, and IEC61000-4 series (ESD, EFT, Surge, CS). Each unit requires a 2-wire IEC320-C8 input, and has a 1500 mm UL2468 output lead, and standard 2.1 × 5.5 × 12 mm centre-positive connector. Ideal for AV and IT applications requiring stable, certified power solutions.

Selection Guide

Part Number	Power (W)	V Out (VDC)	Max Output Current (mA)	Input Current (A Max)	Variation
VTX-213-0125-205	12.5	5	2500	0.5	Size 1
VTX-213-0125-210	12.5	10	2500	0.5	Size 1
VTX-213-0125-212	12.5	12	1000	0.5	Size 1
VTX-213-0125-224	12.5	24	1500	0.5	Size 1
VTX-213-018-212	18	12	520	0.5	Size 1
VTX-213-024-212	24	12	1000	0.65	Size 1
VTX-213-024-224	24	24	2000	0.65	Size 1
VTX-213-036-212	36	12	3000	2	Size 2
VTX-213-035-2135	35	13.5	2600	2	Size 2
VTX-213-035-214	35	14	2500	0.3	Size 2
VTX-213-036-224	36	24	1500	2	Size 2
VTX-213-036-230	36	30	1200	2	Size 2
VTX-213-048-212	48	12	4000	4	Size 3
VTX-213-048-224	48	24	2000	4	Size 3
VTX-213-060-212	60	12	5000	2	Size 3
VTX-213-060-224	60	24	2500	2	Size 3

Please contact Vigortronix for any enquiries. Products can be altered to suit custom requirements.
The information contained in this document is subject to change without notice.

Input Specification	
Item	Value
Input Voltage	90V to 265V AC
Input Frequency	47 - 63Hz
Input Current	See selection guide
Inrush Current	50A Max
Leakage Current	0.25mA Max @ 265V AC, 50Hz
Efficiency	> 80%

Output Specification	
Item	Conditions
Output Voltage	See selection guide (+/- 5%)
Line Regulation	Full Load
Load Regulation	+/- 5%
Output Current	See selection guide
Ripple / Noise	150mVp-p
Stand by Power	0.1W max.
Short Circuit Protection	PSU will recover once short circuit is removed
Over Current Protection	PSU will recover once excess load is removed

Environmental/ Operational			
Parameter	Size 1	Size 2	Size 3
Operational Temperature	-25 ~ +40 °C	-25 ~ +40 °C	-25 ~ +40 °C
Storage Temperature	-20 ~ +85 °C	-20 ~ +85 °C	-20 ~ +85 °C
Operational Humidity	20% ~ 80% RH	20% ~ 80% RH	20% ~ 80% RH
Storage Humidity	5% ~ 95% RH	5% ~ 95% RH	5% ~ 95% RH
MTBF (25°C)	50,000 hours	50,000 hours	50,000 hours
Energy Efficiency Level	V	VI	VI

Please contact Vigortronix for any enquiries. Products can be altered to suit custom requirements.
The information contained in this document is subject to change without notice.

Vigortronix, 16 De Havilland Way, Witney, Oxfordshire, OX29 0YG, UK
Tel. +44 (0)1993 777570 Web. www.vigortronix.com, E-mail: sales@vigortronix.com
Vigortronix is a trading name of Vigortronix Limited

Vigortronix.com

Safety	
Hi-Pot, Pri. to Sec.	3.75k VRMS / 10mA / 60 sec.
Surge Test	3kV, common mode with varying phases in accordance with EN61000-4-5:2006
Insulation Breakdown @ 500VDC	50m ohms min.
Flamibility Rating	UL94V-0

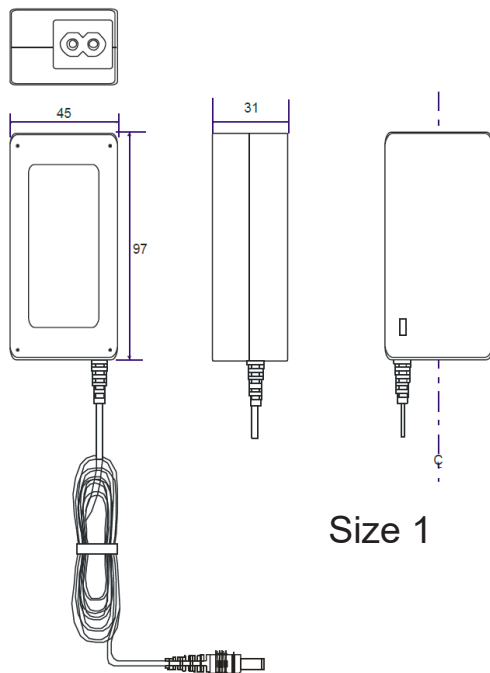
Approvals	
Size 1	IEC/EN60065 EN55013: 2001+A1:2003:A:2006(AV) EN55024:2010 (IT&AV) IEC61000-4-2/ESD IEC61000-4-3 IEC61000-4-4/EFT IEC61000-4-5/SURGE IEC61000-4-6/CS
Size 2	IEC/EN60065 FCC Part 15 class B:2014 EN55013: 2001+A1:2003:A:2006 IEC61000-4-2/ESD IEC61000-4-3/RS IEC61000-4-4/EFT IEC61000-4-5/SURGE
Size 3	EN55022 class B GB9254-1998/GB17625.1-2003 CISPR22 class B CNS13438 class B FCC part 15 class B EN55024/A1:2001 IEC61000-4-11, IEC 61000-4-6 IEC61000-4-5, IEC61000-4-4 IEC61000-4-3, IEC61000-4-2

Mechanical Specifications			
Parameter	Size 1	Size 2	Size 3
No. of Outputs	1	1	1
Weight	145g	150g	240g
Size (mm)	45 x 97 x 31mm	47 x 86 x 31mm	52 x 116 x 35mm
Input Connector	IEC-320-C8	IEC-320-C8	IEC-320-C8
Output Connector	2.1 x 5.5 x 12mm center	2.1 x 5.5 x 12mm center	2.1 x 5.5 x 12mm center
Output Lead	1.5m long, UL2468 18 AWG	1.5m long, UL2468 18 AWG	1.5m long, UL2468 18 AWG

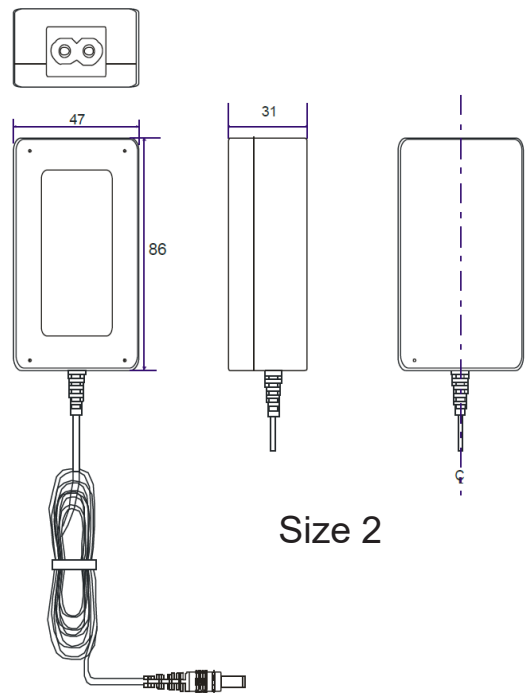
Please contact Vigortronix for any enquiries. Products can be altered to suit custom requirements.
The information contained in this document is subject to change without notice.

Vigortronix, 16 De Havilland Way, Witney, Oxfordshire, OX29 0YG, UK
Tel. +44 (0)1993 777570 Web. www.vigortronix.com, E-mail: sales@vigortronix.com
Vigortronix is a trading name of Vigortronix Limited

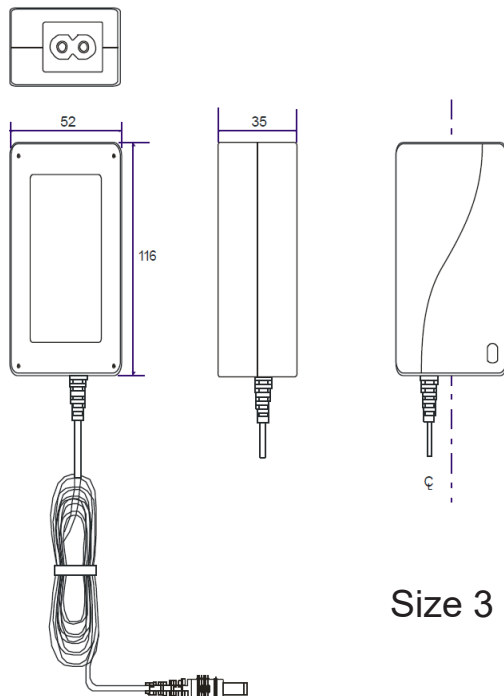
Vigortronix.com



Size 1



Size 2



Size 3

Please contact Vigortronix for any enquiries. Products can be altered to suit custom requirements.
The information contained in this document is subject to change without notice.

Vigortronix, 16 De Havilland Way, Witney, Oxfordshire, OX29 0YG, UK
Tel. +44 (0)1993 777570 Web. www.vigortronix.com, E-mail: sales@vigortronix.com
Vigortronix is a trading name of Vigortronix Limited

Vigortronix.com