

Features:



- ACAC Power Supply Series
- Available formats: Euro and UK
- Safety Approved: Meets EN61558 for power supply safety
- Compact & Efficient: Traditional linear design with robust construction
- Application: Ideal for low-voltage AC-driven equipment
- Leakage current: <0.25mA
- RoHS & REACH Compliant



Description

Our compact AC/AC linear power supplies are available in both Euro and UK plug formats, delivering reliable performance with a robust MTBF of 50,000 hours at 25 °C. Designed for compliance with key international safety and EMC standards, including EN61558, IEC61000-4-2 (ESD), -4-3, -4-4 (EFT), -4-5 (Surge), and -4-6 (Conducted Susceptibility). These units feature a flame-retardant enclosure rated UL94V-0 and are equipped with a standard 2.1 × 5.5 × 12 mm output connector. Ideal for a wide range of low-voltage AC applications.

Selection Guide

Part Number	Power (VA)	Full Load Out (VAC)	Max Output Current (mA)	Plug Type	Variation
VTX-213-005-409	5	9	530	Euro	Size 1
VTX-213-005-412	5	12	400	Euro	Size 1
VTX-213-005-312	5	12	400	UK	Size 2
VTX-213-005-424	5	24	200	Euro	Size 1
VTX-213-008-409	8	9	950	Euro	Size 1
VTX-213-009-309	9	9	950	UK	Size 2
VTX-213-009-412	9	12	700	Euro	Size 1
VTX-213-008-418	8	18	460	Euro	Size 1
VTX-213-014-409	14	9	1500	Euro	Size 3
VTX-213-014-424	14	24	580	Euro	Size 3
VTX-213-020-412	20	12	1600	Euro	Size 4
VTX-213-020-312	20	12	1600	UK	Size 5
VTX-213-020-424	20	24	800	Euro	Size 4
VTX-213-020-324	20	24	800	UK	Size 5

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.

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Input Specification	
Item	Value
Input Voltage	230/ 240V AC
Input Frequency	50/60Hz
Leakage Current	0.25mA Max @ 265V AC, 50Hz

Output Specification	
Item	Conditions
Output Voltage	See selection guide (+/- 5%)
Line Regulation	+/- 1%
Load Regulation	+/- 5%
Output Current	See selection guide

Environmental/ Operational	
Parameter	Value
Operational Temperature	-20 ~ +40 °C
Storage Temperature	-20 ~ +85 °C
Operational Humidity	30% ~ 85% RH
MTBF (25°C)	50,000 hours

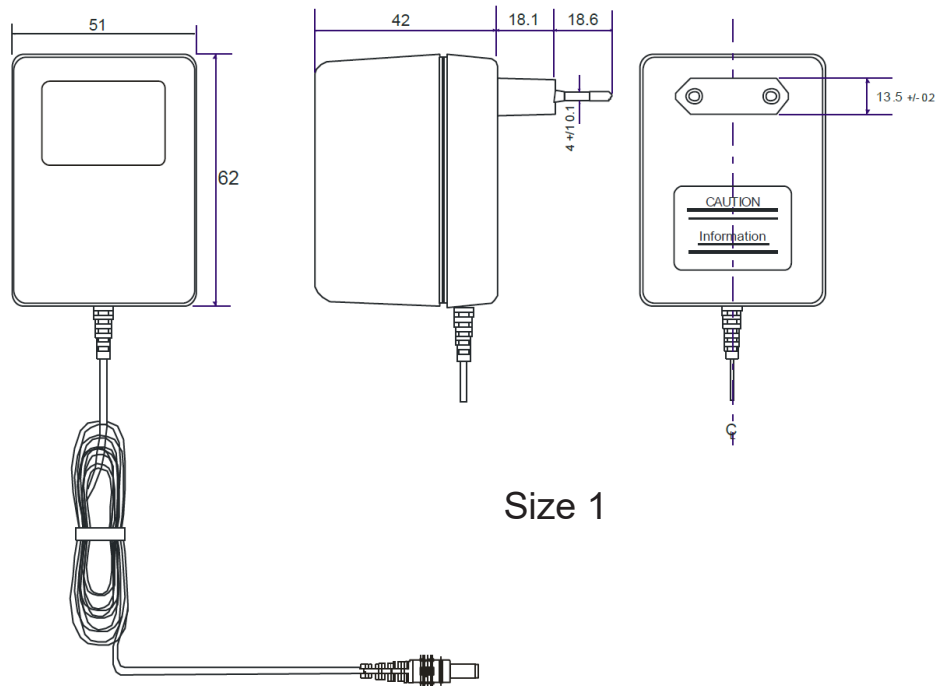
Approvals	
All ACDC adapters in series	EN61558 IEC61000-4-2/ESD IEC61000-4-3 IEC61000-4-4/EFT IEC61000-4-5/ SURGE IEC61000-4-6/CS
Additional approvals for variation size 4 & 5	EN55022:2010+AC:2011(IT) EN55024:2010 (IT&AV)

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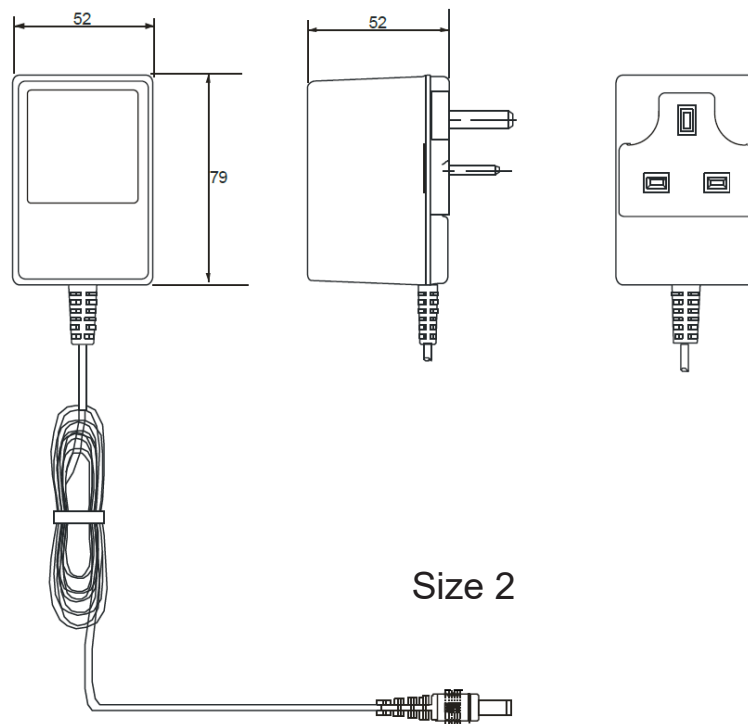
Safety	
Hi-Pot, Pri. to Sec.	3.75k VRMS / 10mA / 60 sec.
Induced Voltage	Primary will withstand 440VAC, 400Hz for 15 seconds (secondary disconnected)
Insulation Breakdown @ 500VDC	100M ohms min.
Flamibility Rating	UL94V-0
Circuit Protection	Primary circuit protected by 125 C, 2A single shot thermal fuse
Case Temperature	65 C maximum at full load in an ambient of 25 C +/-3 C
Insulation Class	B (130 C)

Mechanical Specifications			
Parameter	Size 1	Size 2	Size 3
No. of Outputs	1	1	1
Weight	230g	240g	240g
Size (mm)	51 x 62 x 42mm	52 x 79 x 52mm	59.5 x 88.5 x 50.5mm
Input Connector	Euro (Type C)	UK (Type G)	Euro (Type C)
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	1.75m long, UL2468 20 AWG	1.75m long, UL2468 18 AWG	1.75m long, UL2468 20 AWG
Parameter	Size 4	Size 5	
No. of Outputs	1	1	
Weight	535g	535g	
Size (mm)	60 x 89 x 51mm	56.5 x 87.2 x 57mm	
Input Connector	Euro (Type C)	UK (Type G)	
Output Connector	2.1 x 5.5 x 12mm center	2.1 x 5.5 x 12mm center	
Output Lead	1.75m long, UL2468 20 AWG	1.75m long, UL2468 22 AWG	

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Size 1

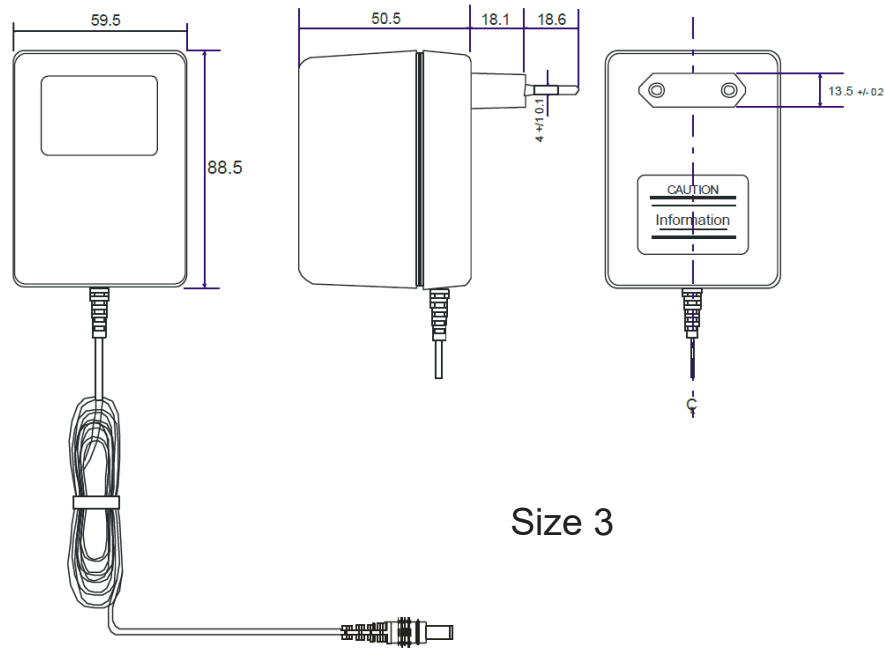


Size 2

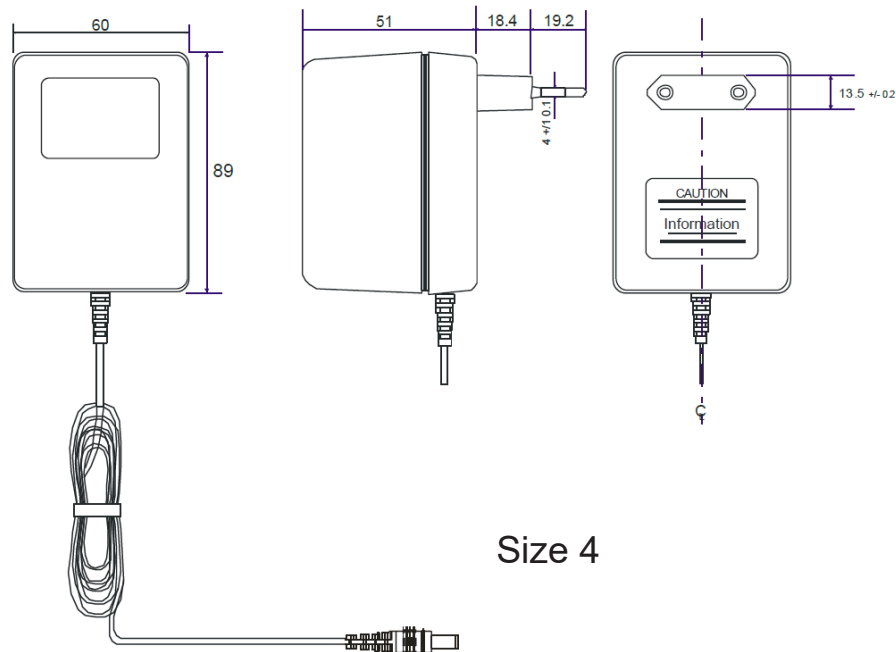
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Size 3

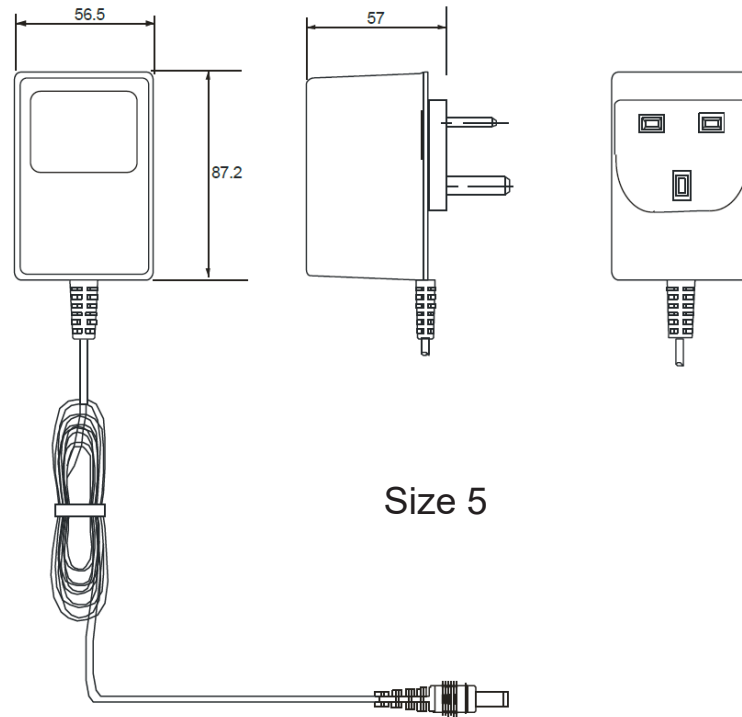


Size 4

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