



Features:

- ACDC 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 DC-driven equipment
- Leakage current: <0.25mA
- RoHS & REACH Compliant

Description

Our AC/DC plug-in adapter series provides compact, high-efficiency power conversion for a wide range of low-voltage DC applications. Designed for fixed 240 VAC input, these adapters offer regulated DC outputs ranging from 3 W to 11 W. Each unit is housed in a durable, flame-retardant enclosure and is available in UK and Euro plug formats to suit regional requirements.

Selection Guide

Part Number	Power (W)	Full Load Out (VDC)	Output Current (mA)	Input Current at full load (mA)	Ripple (mVAC)	Plug Type	Variation
VTX-213-003-009	3	9	330	30	570	UK	Size 1
VTX-213-003-112	3	12	250	30	250	Euro	Size 2
VTX-213-003-012	3	12	250	30	250	UK	Size 1
VTX-213-0045-005	4.5	5	900	45	1220	UK	Size 3
VTX-213-006-109	6	9	600	58	945	Euro	Size 4
VTX-213-006-112	6	12	450	58	840	Euro	Size 4
VTX-213-006-012	6	12	450	45	840	UK	Size 3
VTX-213-011-012	11	12	900	90	1550	Euro	Size 5
VTX-213-011-118	11	18	600	90	1220	Euro	Size 5
VTX-213-011-018	11	18	600	90	1200	UK	Size 6
VTX-213-011-024	11	24	450	90	840	Euro	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
Maximum no load primary current:	Size 1&2: 20mA, Size 3&4: 30mA, Size 5&6: 45mA
Input current at full load:	See selection guide

Output Specification	
Item	Conditions
Output Voltage	See selection guide (+/- 5%)
Output Current	See selection guide
Ripple	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	
Size 1, 2 & 3	IEC/EN61558 EN55013:2001+A1:2003+A:2006 IEC61000-4-2/ESD IEC61000-4-3/RS IEC61000-4-4/EFT IEC61000-4-5/SURGE IEC61000-4-6/CS
Size 4	EN61558 IEC61000-4-2/ESD IEC61000-4-3 IEC61000-4-4/EFT IEC61000-4-5/SURGE IEC61000-4-6/CS
Size 5 & 6	IEC/EN61558 EN55022:2010+AC:2011(IT) EN55024:2010 (IT&AV) IEC61000-4-2/ESD IEC61000-4-3 IEC61000-4-4/EFT IEC61000-4-5/SURGE IEC61000-4-6/CS

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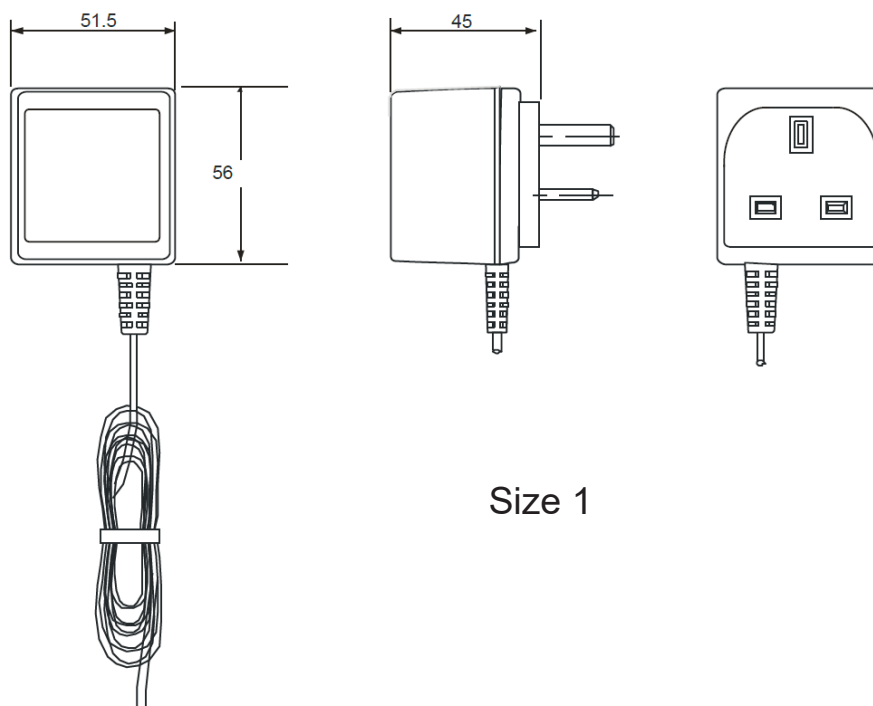
Safety	
Hi-Pot, Pri. to Sec.	3.75k VRMS / 10mA / 60 sec.
Induced Voltage	Primary will withstand 440VAC, 400Hz for 15 seconds (secondary disconnected)
Insulation Breakdown @ 500VDC	100M ohms min.
Flamibility Rating	UL94V-0
Circuit Protection	Primary circuit protected by 125 C, 2A single shot thermal fuse
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
Size (mm)	51.5 x 56 x 45mm	44 x 60 x 38mm	52 x 79 x 52.5mm
Input Connector	UK (Type G)	Euro (Type C)	UK (Type G)
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 24 AWG	1.75m long, UL2468 24 AWG	1.75m long, UL2468 24 AWG
Parameter	Size 4	Size 5	Size 6
No. of Outputs	1	1	1
Size (mm)	51 x 62.5 x 41.5mm	59.6 x 88.5 x 50.2mm	58.5 x 87.3 x 57mm
Input Connector	Euro (Type C)	Euro (Type C)	UK (Type G)
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 24 AWG	1.75m long, UL2468 24 AWG

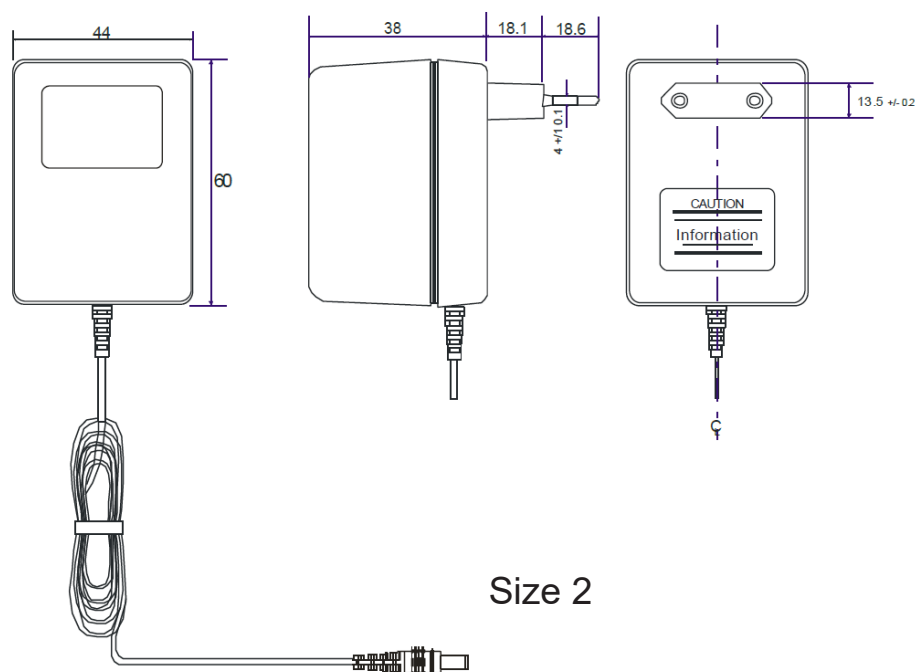
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Size 1

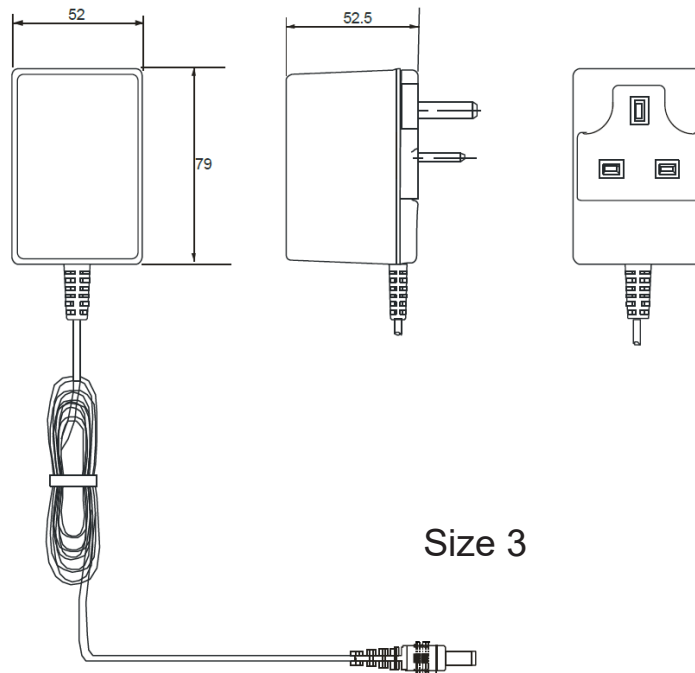


Size 2

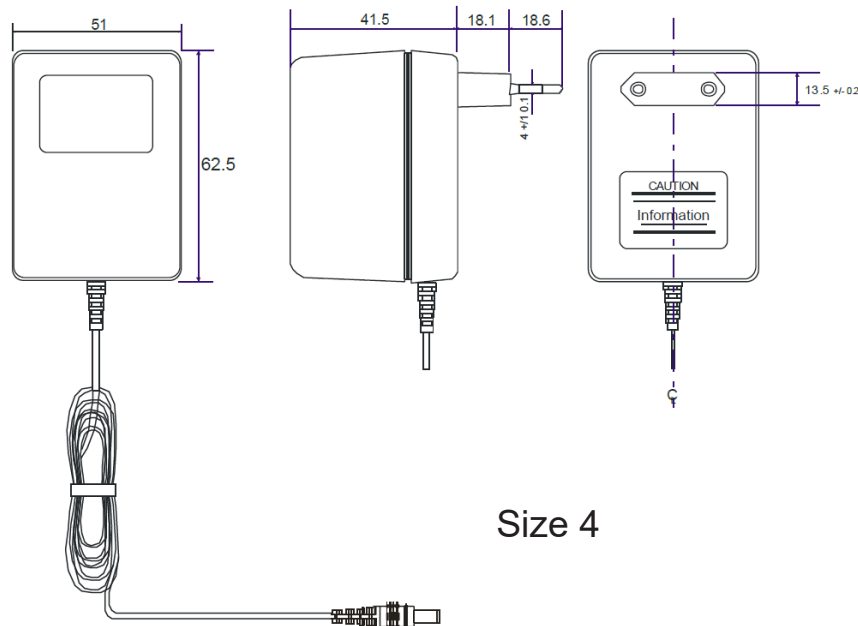
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Size 3

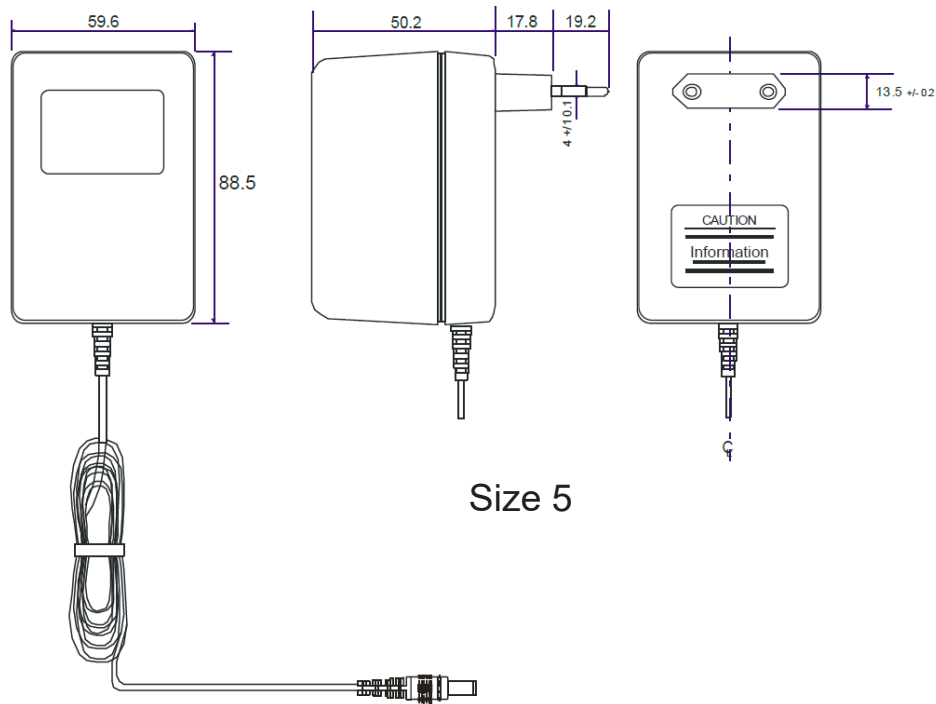


Size 4

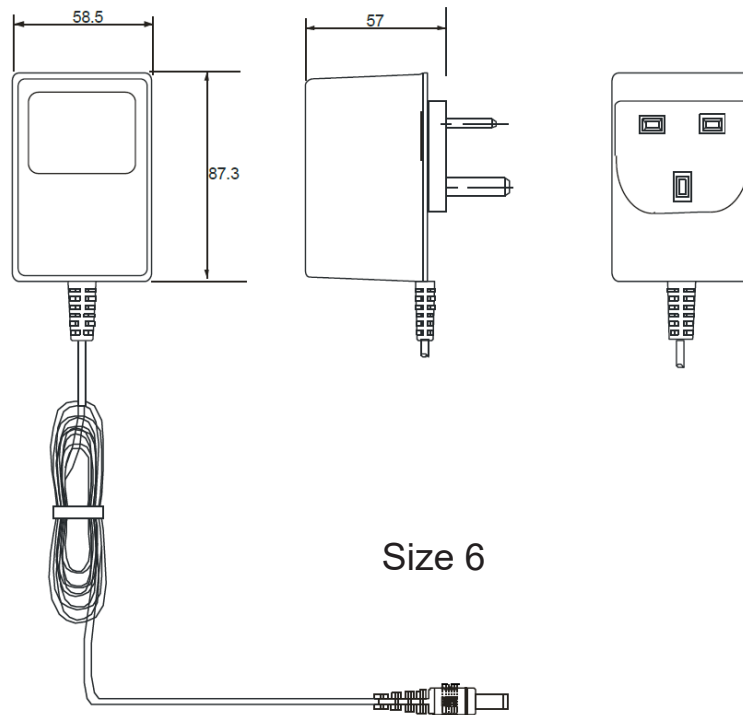
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Size 5



Size 6

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