

DA10-M Series

10 Watts

Data Sheet

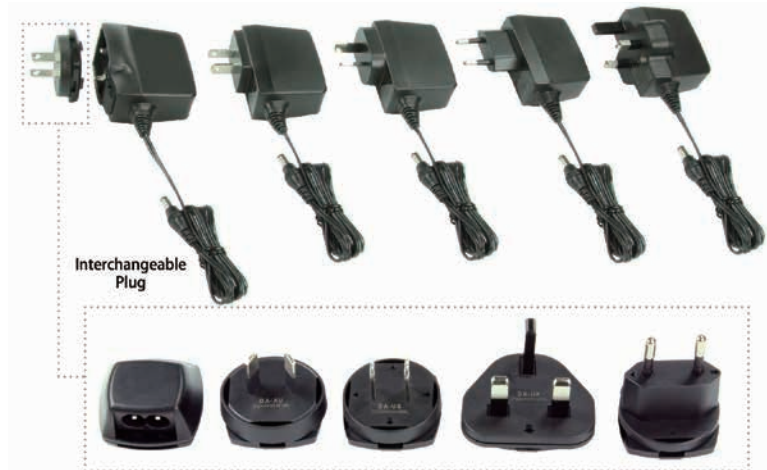
Total Power: 10 Watts
Input Voltage: 90 - 264 Vac
of Outputs: Single, 5 Volts

SPECIAL FEATURES

- Medical and ITE safeties
- Switching wallmount power supply
- Available in interchangeable and fixed AC plug configurations
- CE Mark EMC, LVD & ErP 2011
- Universal AC input
- Fully regulated output
- Overvoltage, overcurrent, short circuit and overtemperature protection
- EU CoC v5 Tier 2 compliant
- Energy Star and CeC compliant
- Efficiency level VI
- RoHS compliant
- Constant current
- High MTBF
- Built in EMI filter (CISPR 32 Class B)

SAFETY

- UL 60950, 60601-1
- cUL 60950, 60601-1
- TUV 60950-1, 60601-1
- RCM AS/NZS 60950-1
- CB Certificate and report
- CE EMC, LVD, RoHS & ErP 2011 for MP, EU & UK versions
- PSE Denan 60950
- CCC <2000M, No Tropical
- Others NRCAN, DoE, CEC, AUGEMS



Electrical Specifications

Input	
Input range	90 - 264 Vac (wide range)
Frequency	47 - 63 Hz
Input current	0.25 A rms @ 120 Vac; 0.15 A @ 240 Vac
EMI/RFI	FCC Part 15, Subpart B Class B & EN55022 (CISPR 32) Class B
Safety ground leakage current	100 μ A @ 50/60 Hz, 264 Vac input
Output	
Voltage (Vo)	5.0 V
Voltage regulation	\pm 5%
Maximum Power (Po)	10 W
Hold-up time	10 ms. typical at full load @ 230 Vac
Overvoltage protection	Non-latching type
Overload protection	Output shortcircuit protection auto recover Overload protected @ 150% above maximum rating
Overtemperature protection	Recycle AC to reset
Output cable/connector/barrel polarity	DC cable with 2.5 mm x 5.5mm barrel plug, 2.1 mm x 5.5 mm available on DC multi-plug version. For others please contact factory. DC plug center +v DC plug outer -v

** DA10-M tested according to the medical standard IEC 60601-1-2 4th Edition.

Environmental Specifications

Operating temperature	-10 ° to +40 °C ambient
Storage temperature	-40 °C to +85 °C
Electromagnetic susceptibility	Designed to meet EN55024
Humidity	Operating; non-condensing 5% to 95% RH
Vibration	Frequency/PSD: 5 - 350 Hz 0.0001 g ² /Hz 350 - 500 Hz - 6dB/Oct. 500 Hz 0.00005 g ² /Hz Acceleration: 0.21 gRMS Duration: 20 min per second

AC Plug Configuration for Fixed Plug

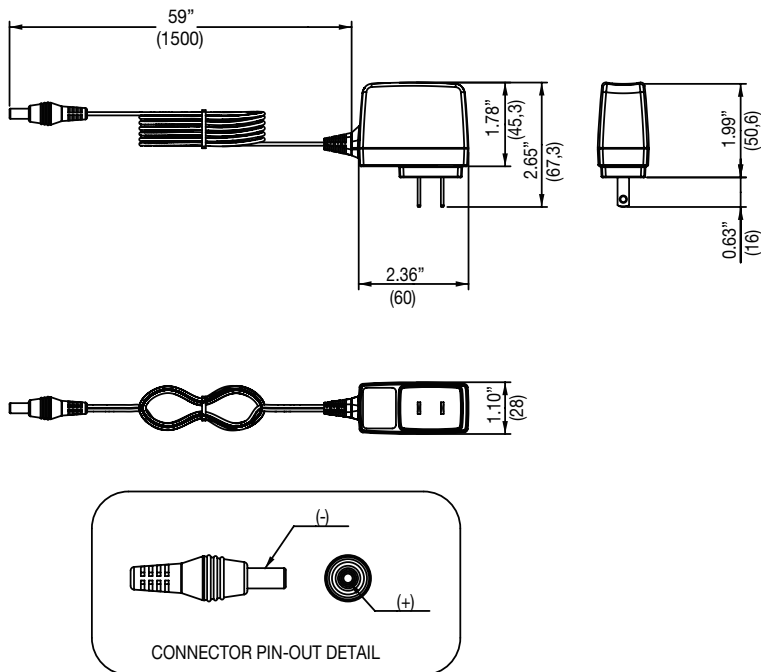
U.S. 2-prong	US
Europe 2-prong	EU
United Kingdom 3-prong	UK
Australia 2-prong	AU

AC Plug Configuration for Interchangeable Plug

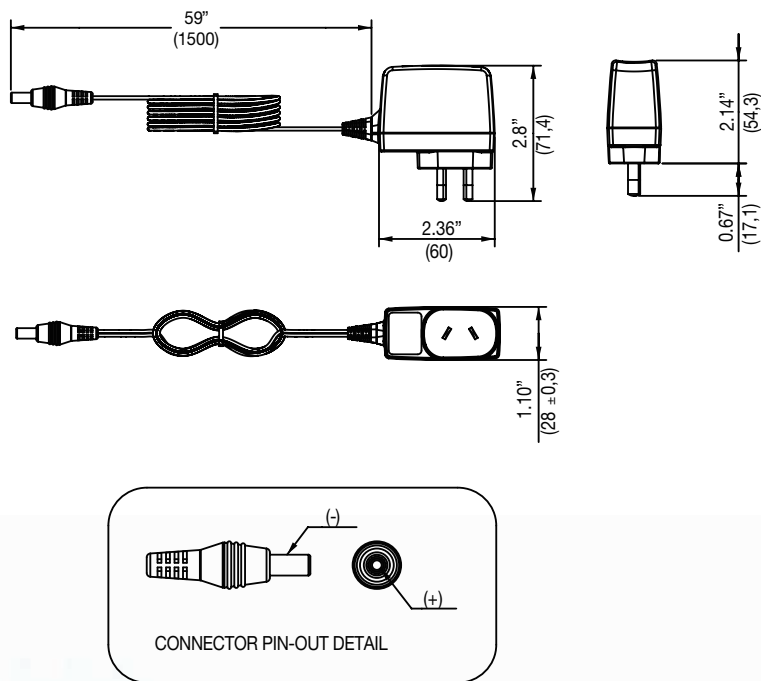
U.S. 2-prong	DA-US
Europe 2-prong	DA-EU
United Kingdom 3-prong	DA-UK
Australia 2-prong	DA-AU
C8 - 2 receptacle	DA-C8
Japan 2-prong	DA-JP
China 2-prong	DA-CH
Korea 2-prong	DA-KR

Mechanical Drawings

DA10-050US-M

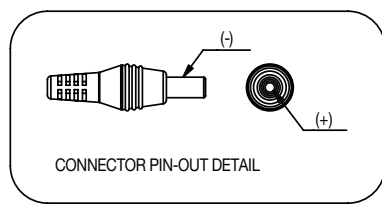
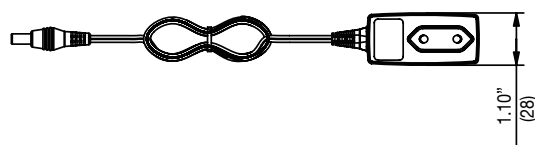
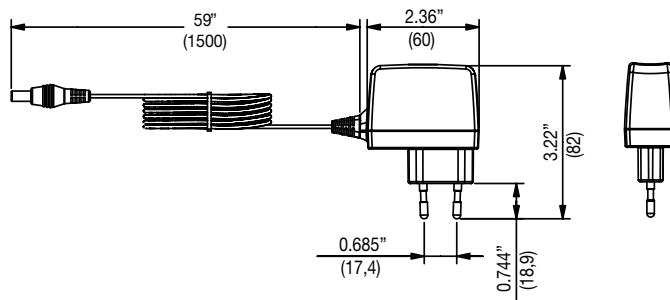


DA10-050AU-M

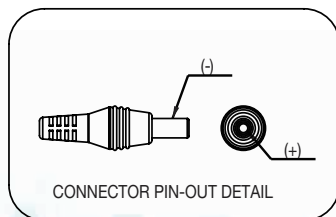
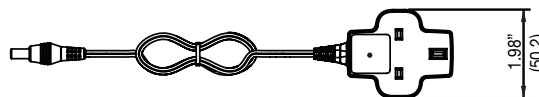
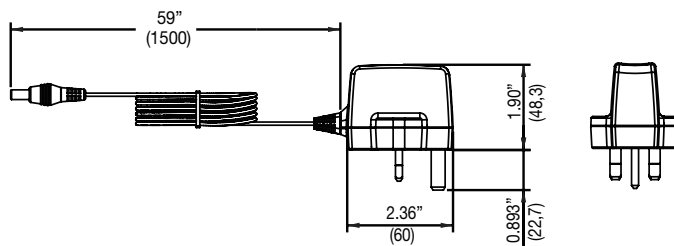


Mechanical Drawings

DA10-050EU-M

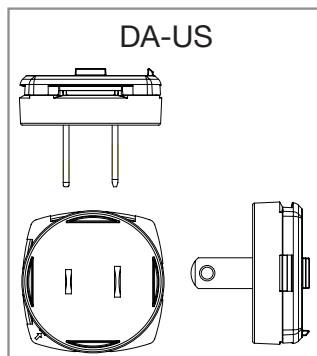
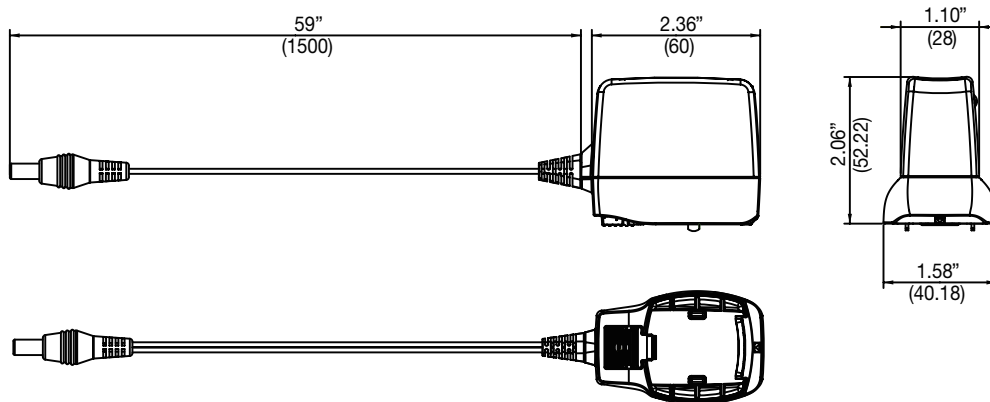


DA10-050UK-M

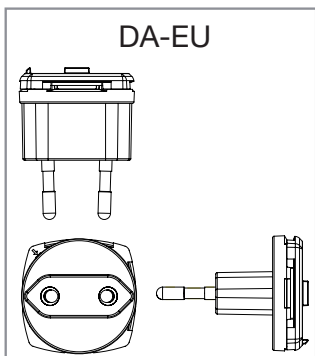
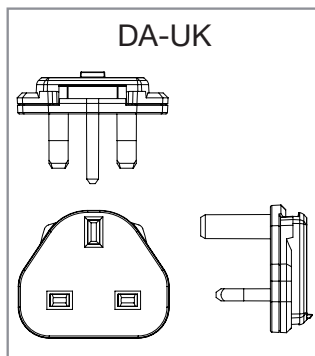


Mechanical Drawings

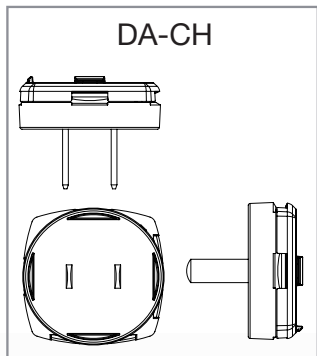
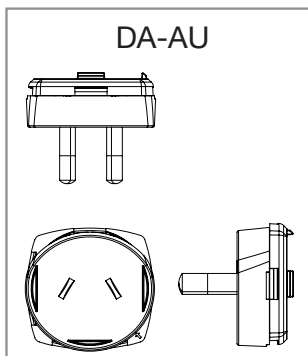
DA10-050MP-M and Plugs



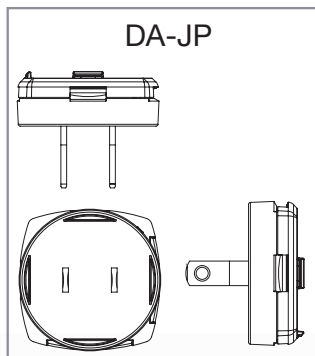
*Can be inserted straight or 90°



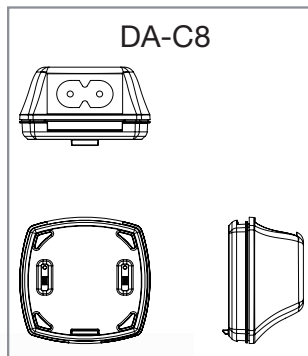
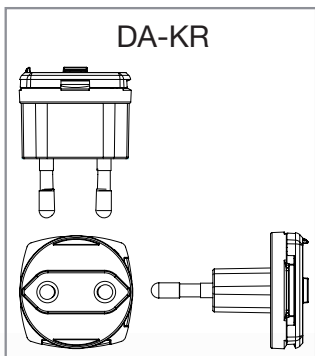
*Can be inserted straight or 90°



*Can be inserted straight or 90°



*Can be inserted straight or 90°

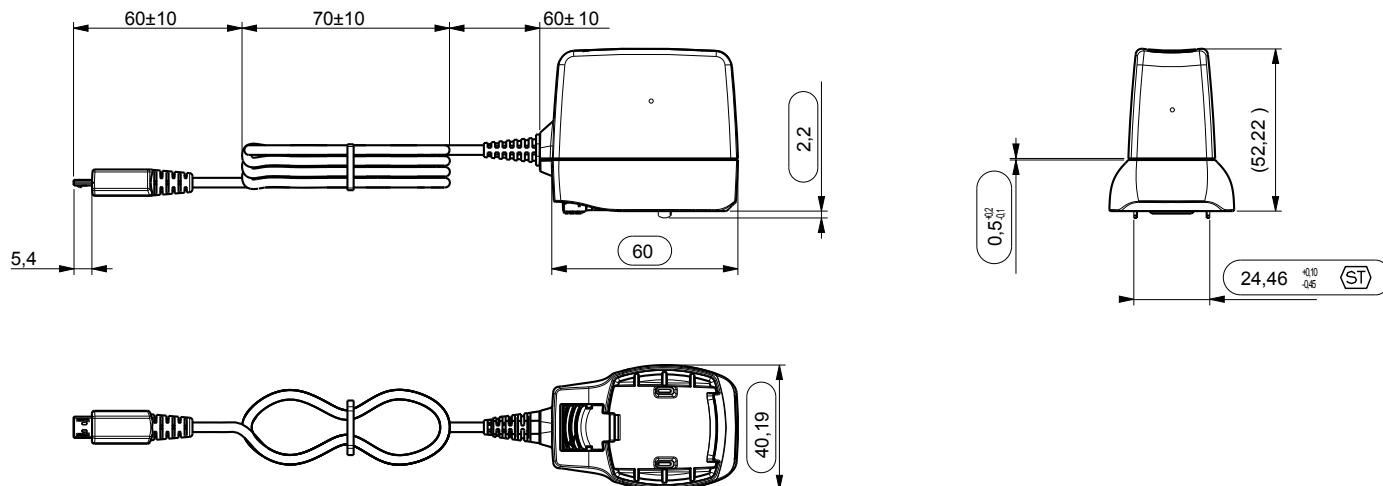


Notes:

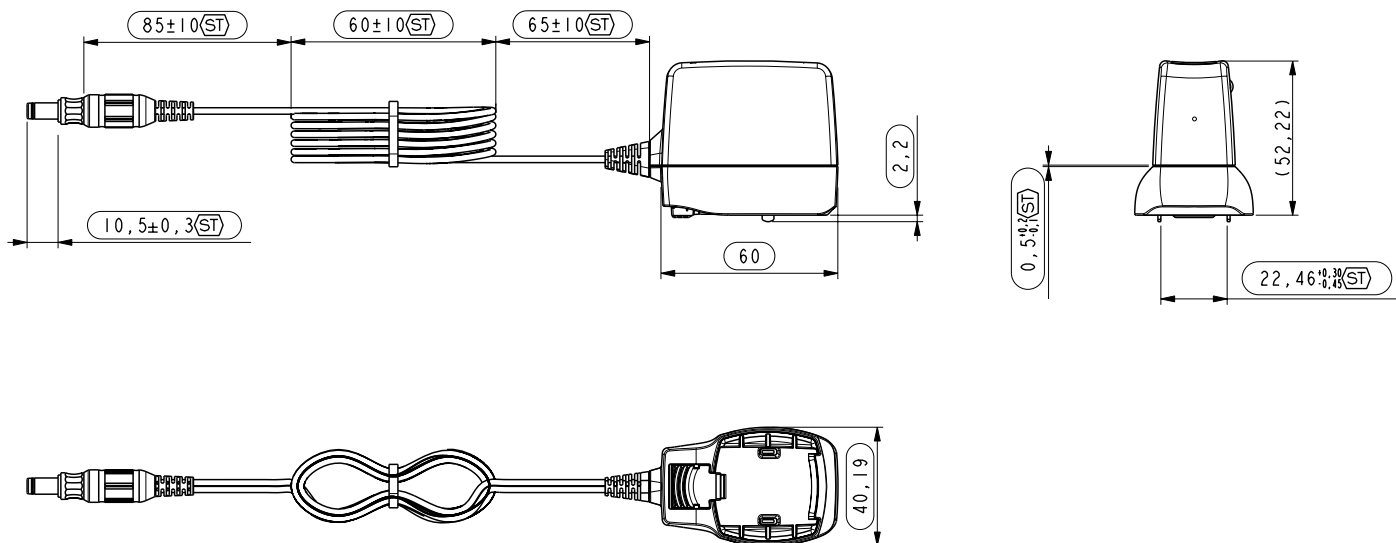
1. Specifications subject to change without notice.
2. All dimensions in inches (mm), tolerance is $\pm .02$ ".
3. Weight: 0.25 lb/0.114 kg
4. Warranty: 2 years

Mechanical Drawings

DA10-050MP-M402



DA10-050MP-M2.1



Notes:

1. Specifications subject to change without notice.
2. All dimensions in mm
3. Weight: 0.25 lb/0.114 kg
4. Warranty: 2 years

Ordering Information - DA10 Adapter

Model Number	Maximum Power	Output Voltage	Minimum Load	Maximum Load	Regulation ²	Ripple P/P (PARD) ³
DA10-050US-M	10 W	5.0 V	0 A	2.0 A	± 5%	< 100 mV
DA10-050EU-M	10 W	5.0 V	0 A	2.0 A	± 5%	< 100 mV
DA10-050UK-M	10 W	5.0 V	0 A	2.0 A	± 5%	< 100 mV
DA10-050AU-M	10 W	5.0 V	0 A	2.0 A	± 5%	< 100 mV
DA10-050MP-M*	10 W	5.0 V	0 A	2.0 A	± 5%	< 100 mV
DA10-050MP-M2.1**	10 W	5.0 V	0 A	2.0 A	± 5%	< 100 mV
DA10-050MP-M402***	10 W	5.0 V	0 A	2.0 A	± 5%	< 100 mV

* Interchangeable version - AC plugs must be purchased separately to be used with DA10-050MP-M.

** 2.1 mm x 5.5 mm barrel plug

*** Micro USB connector

Ordering Information - DA10 Interchangeable Plug

Model Number	
DA-US	DA-C8
DA-EU	DA-JP
DA-UK	DA-CH
DA-AU	DA-KR
DA-All (Includes DA-US, DA-EU, DA-UK, and DA-AU)	

1. Peak current lasting < 30 seconds with a maximum 10% duty cycle.
2. At 25 °C including initial tolerance, line voltage, load currents and output voltages adjusted to factory settings.
3. Peak-to-peak with 20 mHz bandwidth and 10 µF in parallel with a 0.1 µF capacitor at rated line voltage and load ranges.

WORLDWIDE OFFICES

Americas

2900 South Diablo Way
Suite B100
Tempe, AZ 85282, USA
+1 888 412 7832

Europe (UK)

Ground Floor Offices, Barberr House
4 Harbour Buildings, Waterfront West
Brierley Hill, West Midlands
DY5 1LN, UK
+44 (0) 1384 842 211

Asia (HK)

14/F, Lu Plaza
2 Wing Yip Street
Kwun Tong, Kowloon
Hong Kong
+852 2176 3333

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An Advanced Energy Company

www.artesyn.com

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For more information: www.artesyn.com
For support: productsupport.ep@artesyn.com

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С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.

