

ARTESYN DA10-050 SERIES

10 Watts



Advanced Energy's Artesyn 10 watt, class II, wall mount power supply provides a 5 V USB-A compatible output in a compact-size at low cost. It meets new European CoC v5 Tier 2 & US DoE Level VI energy saving requirements.

SPECIAL FEATURES

- Small size 44 x 39.5 x 25 mm excluding AC pins
- High average loading efficiency 79%
- USB connector output
- -10 °C to +40 °C operating temperature range
- Protections: overvoltage, overtemperature, overcurrent, short circuit
- Reinforced isolation 3000 Vac rms
- European CoC v5 T2 & US DoE VI Compliant
- EN60950-1 Safety Standard
- One year warranty

SAFETY

- cUL/UL 60950-1
- IEC/EN 60950-1
- IEC 62368-1
- CCC
- CE
- GS
- Designed to meet:
 - · NOM-NYCE
 - ·SPRING
 - ·IRAM
 - · C-Tick
 - ·NSW

DATA SHEET

Total Power:

10 Watts

Input Voltage:

100 - 240 Vac

of Outputs:

Single



ELECTRICAL SPECIFICATIONS

Input			
Input voltage range	90 - 264 Vac (100 - 240 Vac nominal)		
Frequency	47 - 63 Hz (50 / 60 Hz nominal)		
Input current (max)	300 mA		
Leakage currrent	100 μΑ		
No load power	<75 mW		
Output			
Maximum power	10 W		
Output voltage	5 V		
Hold-up time	10 ms typical 115 Vac at full load		

ENVIRONMENTAL SPECIFICATIONS

Operating temperature	-10 °C to +40 °C	
Storage temperature	-40 °C to +85 °C	
Electromagnetic susceptibility	EM55022, FCC Part 15	
Humidity	Non-condensing 5% to 95% RH	
MTBF	>100,000 hours at full load and 25 °C ambient	

ORDERING INFORMATION

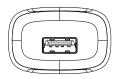
Model Number	Input Voltage Range	Output Voltage	Minimum Load	Maximum Load
DA10-050US	90 - 264 Vac	5 V	0 A	2 A
DA10-050CH	90 - 264 Vac	5 V	0 A	2 A
DA10-050EU	90 - 264 Vac	5 V	0 A	2 A
DA10-050UK	90 - 264 Vac	5 V	0 A	2 A

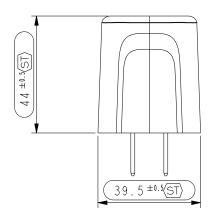


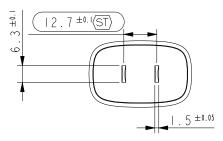
AC PLUG CONFIGURATION FOR FIXED PLUG

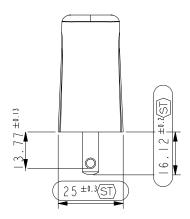
U.S. 2-prong	US
China 2-prong	СН
Europe 2-prong	EU
UK 3-prong	UK

MECHANICAL DRAWINGS - DA10-050 US

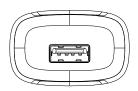


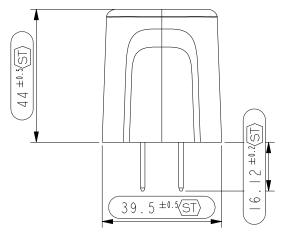


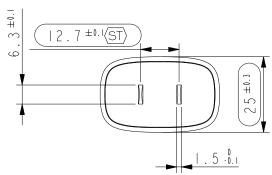




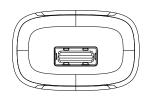
MECHANICAL DRAWINGS - DA10-050CH

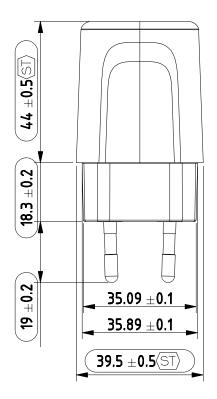


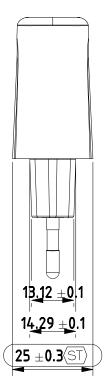


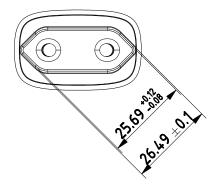


MECHANICAL DRAWINGS - DA10-050EU

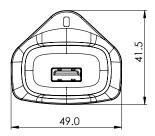


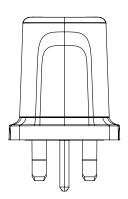


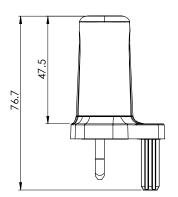




MECHANICAL DRAWINGS - DA10-050UK









ABOUT ADVANCED ENERGY

Advanced Energy (AE) has devoted more than three decades to perfecting power for its global customers. AE designs and manufactures highly engineered, precision power conversion, measurement and control solutions for mission-critical applications and processes.

Our products enable customer innovation in complex applications for a wide range of industries including semiconductor equipment, industrial, manufacturing, telecommunications, data center computing, and medical. With deep applications know-how and responsive service and support across the globe, we build collaborative partnerships to meet rapid technological developments, propel growth for our customers, and innovate the future of power.

PRECISION | POWER | PERFORMANCE

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