

SC303 Universal 11 Watt Series

Features

- 100-250 VAC Universal Input
- Desktop Style
- Multiple Outputs up to 11W
- Regulated Output With Low Ripple
- Meets Safety Agency Requirements
- Complies With EMI/RFI Regulations
- CE Compliant
- Impact Resistant Polycarbonate Enclosure
- Private Label Marking Available
- 3 Year Warranty
- Modified and Custom Designs Also Available
- Manufactured in Thailand

Ault Model	Voltage DC	Minimum Current-Amps	Maximum Current-Amps	Maximum Watts	Maximum Power
SC303TB0012F01	+5	0	1.0	5.0	11 Watts
	+12	0	0.25	3.0	
	-12	0	0.25	3.0	

Input

- Voltage 100-250 VAC -10%, +6%
- Line Frequency 47 - 63 Hz
- Current 0.4A max. at 100 VAC input
- Protection Internal primary current fuse, Inrush limiting
- Configuration In Case IEC320 with ground

Output

- Combined Line and Load Voltage Regulation Excluding Cord
 - +5: +1% combined +5, -12 output of >0.2A
 - +12: +5%-5% combined +5, +12 output of >0.5A
 - 12: +5% combined +5, +12 output of >0.2A
- Ripple
 - +5: 50 mV p-p max., for combined +5, +12 output >0.2A
 - +12: 100 mV p-p max., for combined +5,+12 output >0.2A
 - 12: 100 mV p-p max., for combined +5,+12, output>0.2A
- Transient Response 0.5 msec for 50% load change typical
- Holdup Time 18 msec min @ 120 VAC
100 msec min @ 240 VAC
- Protection Foldback overcurrent protection on all outputs. Short circuit protection on all outputs
- Cord and Connector Optional OVP 6.8V max on +5VDC
Optional reverse polarity crowbar on -12VDC

Safety Approvals

- Agency Listings UL1950, CSA950,TUV/IEC950

Electrical

- Topology Switching - fixed frequency flyback
- Dielectric Withstand 3000 VAC, 4250 VDC primary-secondary; 1500VAC, 2150 VDC primary-ground; 500VDC, secondary-ground
- Safety Spacings 8mm primary-secondary
- Leakage Current Less than 0.75 mA at 265VAC 50 Hz
- Efficiency Up to 70%
- EMI Complies with EMC Directives
- MTBF 200,000 Calculated Hours
- CE CE Compliant

Environment

- Operating Temperature 0° to 50° C with no derating
- Storage Temperature -30° to +85° C
- Relative Humidity 5% to 95% non-condensing
- Altitude 0-10,000 feet
- Cooling Convectional - non vented case

Mechanical

- Case Dimensions LP6 - Desktop
4.20 L x 2.60 W x 1.46 H (in)
107 L x 66 W x 37 H (mm)
- Case Material Black 94V1 polycarbonate
- Weight 10 ounces, 285 grams (excluding cord)

THREE YEAR WARRANTY

Ault Incorporated, 7105 Northland Terrace, Minneapolis, MN 55428

Contact Ault Inc. for all your custom design requirements. Phone: 763.592.1900 • Fax 763.592.1911