

36 Watt

AC/DC - Desktop Power Supply



- o Universal Input 90-264 VAC
- o Continuous Short Circuit Protection
- o Conductive EMI Meets EN55022 Class B
- o High Efficiency, 85% typical



MODEL NUMBER	OUTPUT VOLTAGE	LOAD		RIPPLE & NOISE	VOLTAGE ACCURACY	LINE REGULATION	LOAD REGULATION
		MAX.	MIN.				
BACS36-5-C8	5 VDC	4000 mA	0 A	1%	±2%	±1%	±6%
BACS36-9-C8	9 VDC	3000 mA					±5%
BACS36-12-C8	12 VDC	2500 mA					
BACS36-13.5-C8	13.5 VDC	2400 mA					±3%
BACS36-15-C8	15 VDC	2400 mA					
BACS36-18-C8	18 VDC	2000 mA					±2%
BACS36-24-C8	24 VDC	1500 mA					
BACS36-48-C8	48 VDC	750 mA					

NOTE:

Voltage setpoint at 60% load.

Add a 0.1µF ceramic capacitor and a 10µF E.L. capacitor to output for Ripple & Noise measurement at 20 MHz BW.

Line regulation measurement from 100 Vac to 240 Vac, full load.

Load regulation measurement from 60% to full load and from 60% to 20% load (60% ± 40%load).

SPECIFICATIONS

All Specifications Typical At Nominal Line, 75% Load, and 25°C Unless Otherwise Noted

INPUT SPECIFICATIONS

Input Voltage Range	90-264 VAC
Frequency	47 to 63 Hz
Inrush Current	50 A max. @ 264 VAC
Isolation	Input to Output 4242 VDC
Leakage Current	0.25 mA max.
Current Consumption at No Load	@ 115 Vac 30 mA @ 230 Vac 40 mA

OUTPUT SPECIFICATIONS

Holdup Time	8 mS typ. @ 115 Vac
Short Circuit Protection	Continuous
Over Voltage Protection	Option

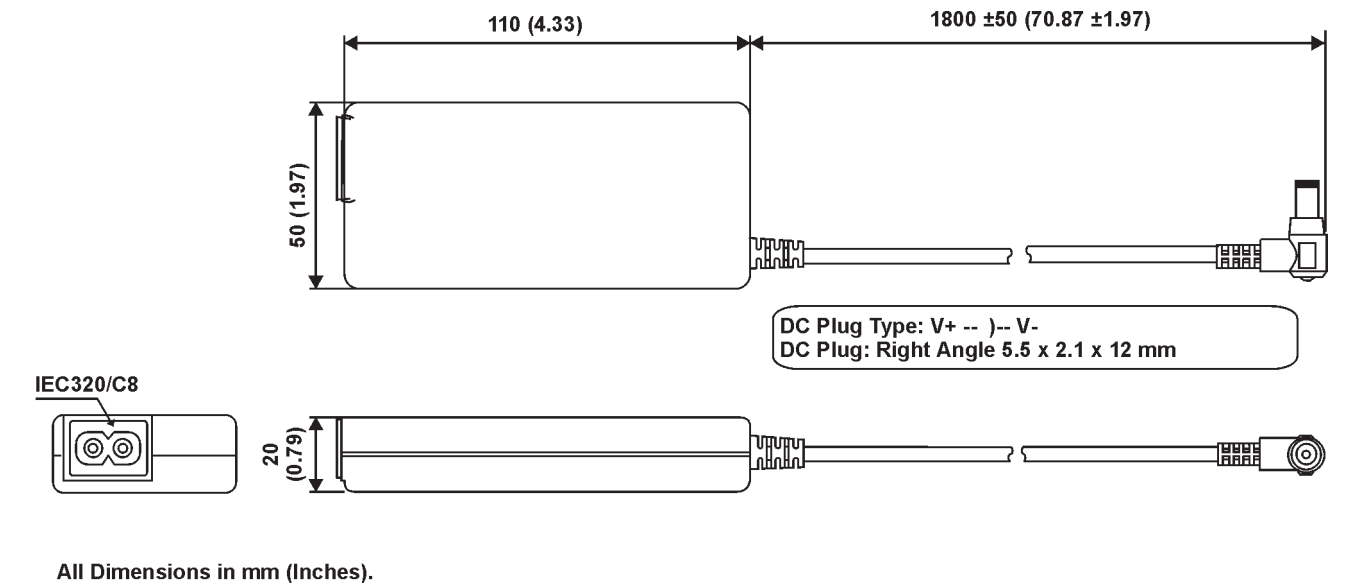
GENERAL SPECIFICATIONS

Operating Temperature	0°C to +40°C
Storage Temperature	-20°C to +85°C
Dimensions	110 x 50 x 20 mm (4.33 x 1.96 x 0.78 Inches)
Weight	0.44 Pounds
DC-Output Plug	Right Angle 5.5 x 2.1 x 12 mm Center+
DC-Cord	18 AWG / 1800 mm
AC-Inlet	IEC320/C8

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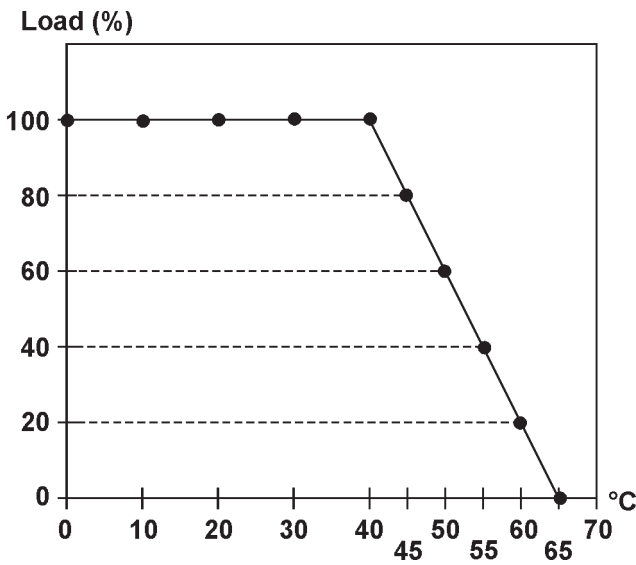
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MECHANICAL SPECIFICATIONS



DERATING DIAGRAM

°C	0	10	20	30	40	45	50	55	60	65
Load (%)	100	100	100	100	100	80	60	40	20	0



NOTICE:
The information in this document has been carefully checked. However, no responsibility is assumed for inaccuracies!
Specifications can be changed without notice. The latest and most complete information can be found on our website.