

70 Watt

AC/DC - Desktop
Power Supply



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



MODEL NUMBER	OUTPUT VOLTAGE	OUTPUT CURRENT	RIPPLE & NOISE	VOLTAGE SETPOINT	LINE REGULATION	LOAD REGULATION
BACS70-12-C14	12 VDC	5500 mA	1%	±2%	±1%	±5%
BACS70-15-C14	15 VDC	4600 mA				±3%
BACS70-18-C14	18 VDC	3900 mA				±2%
BACS70-19-C14	19 VDC	3700 mA				
BACS70-24-C14	24 VDC	3000 mA				
BACS70-48-C14	48 VDC	1500 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% full 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
Conducted EMI	CISPR/FCC Class B
Isolation	Input to Output = 4242 VDC
Leakage Current	1.5 mA max.
Current Consumption at No Load	@ 115 Vac 40 mA @ 230 Vac 50 mA

OUTPUT SPECIFICATIONS

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

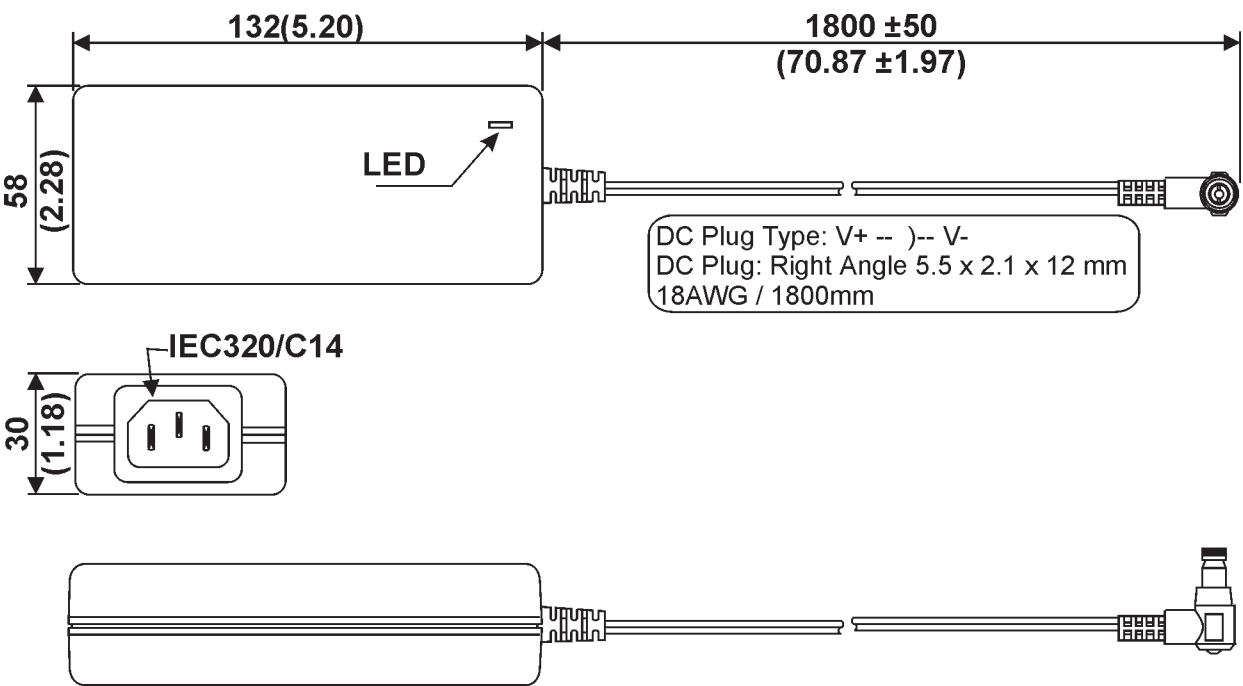
GENERAL SPECIFICATIONS

Operating Temperature	0°C to +40°C
Storage Temperature	-20°C to +85°C
Dimensions	132 x 58 x 30 mm (5.20 x 2.29 x 1.18 Inches)
Weight	0.77 Pounds
DC-Output Plug	Right Angle 5.5 x 2.1 x 12 mm Center+
DC-Cord	18 AWG / 1800 mm
AC-Inlet	IEC320/C14

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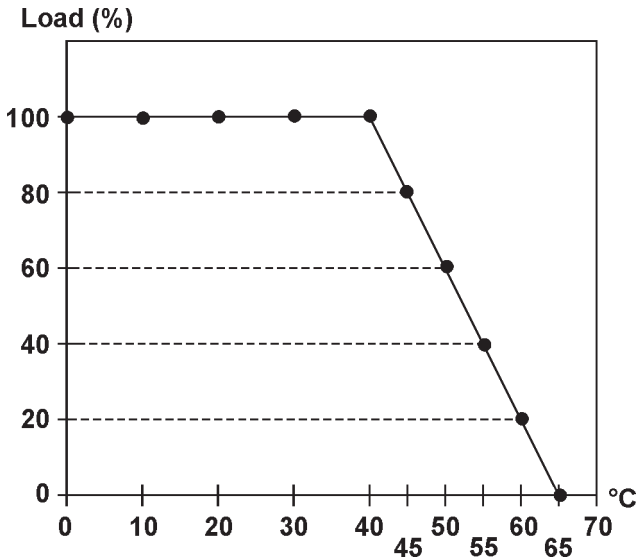
MECHANICAL SPECIFICATIONS



All Dimensions in mm (Inches)

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.