

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

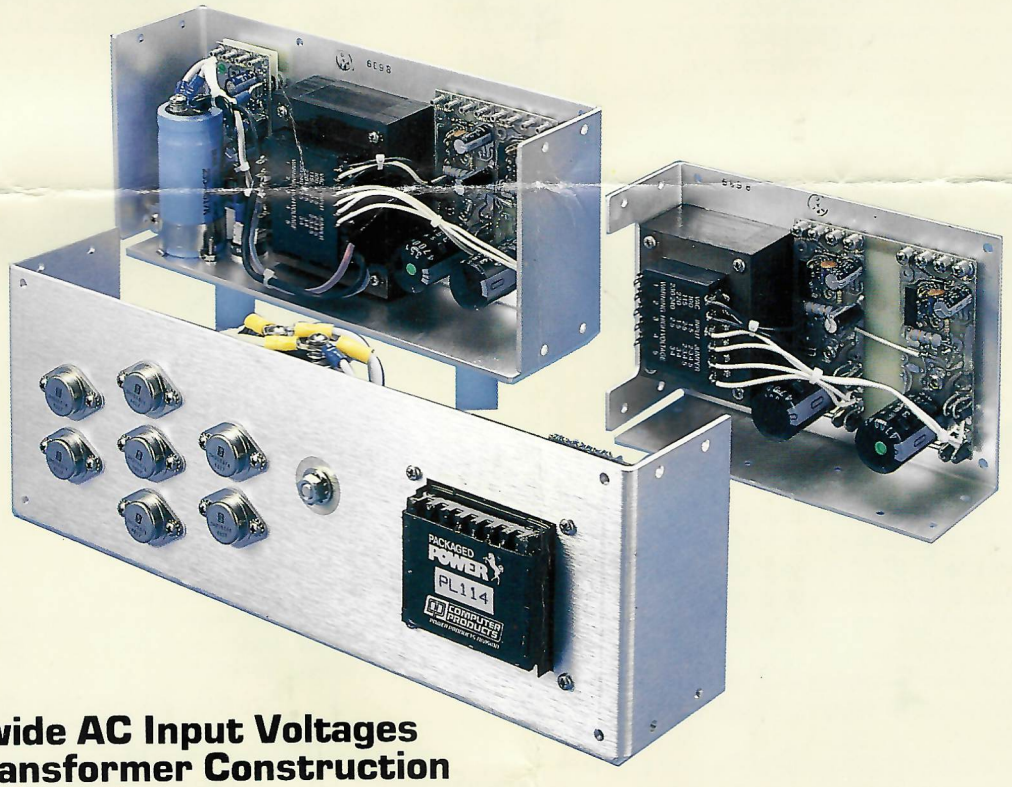
- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

World-Standard Series Open Frame Linear Power Supplies



- Worldwide AC Input Voltages
- VDE Transformer Construction
- 4 Hour Burn-In
- UL, CSA, VDE, IEC Design
- Industry Standard Packages
- OVP Standard on 5 Volt Outputs
- Up to 60% Efficiency

Two-Year Warranty

COMPUTER PRODUCTS™
POWER PRODUCTS DIVISION

15 to 125 Watt O



World-Standard Series Singles, Duals and Triples

Computer Products' World-Standard Series power supplies achieve a new level of excellence and ruggedness in open frame linear supplies. They are specifically designed to be used in a variety of electronic instruments and systems used throughout the world.

With input AC line voltages of 100, 115, 220, 230 and 240 VAC at 50 or 60 Hz, these supplies can be connected for use in any country of the world. In addition, the power transformer is of VDE construction with an enclosed split-bobbin and 3750 VAC minimum isolation. The supplies are UL recognized, CSA certified and designed to meet VDE and IEC safety standards.

The World-Standard Series are high-efficiency, conservative designs which are burned-in for four hours before shipment. Efficiencies of up to 60% reduce heat dissipation and help ensure long operating life.

Other standard design features include OVP crowbar on all 5 VDC outputs and remote sensing on all single outputs and the 5 VDC output of triples. The aluminum frames are industry-standard packages so that the World-Standard Series can be used to directly replace many other open frame linear power supplies. All units have .05% line regulation and .05% load regulation maximum, and have foldback current limiting on all outputs.

Output voltages are adjustable over ±5% and there is output reverse voltage protection on all models.

Computer Products also makes customized versions of the World-Standard Series with output voltages between 2 and 32 VDC and output power levels from 15 to 150 watts. For further information on these, please consult our factory.

Available through distribution at over 180 locations worldwide.

Specifications

All Specifications Typical at Nominal Line, Full Load, and 25°C Unless Otherwise Noted.

Input Specifications

Input Voltages ..... 100/115/220/230/240 VAC
Input Voltage Ranges ..... See Table
Input Frequency ..... 47-63 Hz.
(Derate 10% @ 50 Hz.)
Reverse Voltage Protection ..... Standard

Output Specifications

Output Voltage and Current ..... See Table
Output Voltage Adjustment Range ..... ±5%
Load Regulation, NL to FL ..... ±.05% max.
Line Regulation, ±10% Input Change ..... ±.05% max.
Output Ripple ..... 1 mV RMS max., 3 mV P-P typ.
Temperature Coefficient ..... .01%/°C
Transient Response, 50% F.L. Change .....50 μsec. max.
Stability, 8 hours, after warm-up ..... ±.05%
Short Circuit Protection .....Foldback Current Limiting
(Automatic Recovery)
Overvoltage Protection[1] .....Crowbar, on 5V Outputs
Remote Sensing[2] .....Standard on Single Outputs
and 5V Output of Triples

General Specifications

Efficiency[3], 5V Outputs 45%
12V and 15V Outputs 55%
24V Outputs 60%
Breakdown Voltage[4] .....3750 VAC, min.

Environmental Specifications

Operating Temperature Range .....0°C to 70°C
Derating, 50°C to 70°C ..... 3%/°C
Storage Temperature Range .....-25°C to +85°C

Physical Specifications .....See Back Page

Notes:

1. Set at 6.2V ±0.4V. Optional for other outputs.
2. On main output, up to 0.5V drop. Open sense-lead protection built in.
3. Measured for nominal output plus 0.5V.
4. Input to output or input to ground.

INPUT VOLTAGE RANGES	
NOMINAL INPUT	INPUT VOLTAGE RANGE
100 VAC	90-110 VAC
115 VAC	105-125 VAC
220 VAC	200-240 VAC
230 VAC	210-264 VAC
240 VAC	210-264 VAC

Recognized by Underwriters Laboratories, Inc.

Certified by Canadian Standards Association

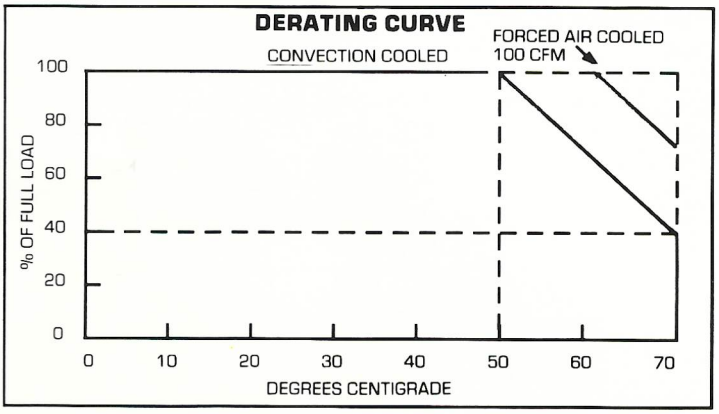
pen Frame Linears

PACKAGED POWER

OUTPUT VOLTAGE	OUTPUT CURRENT	REGULATION		RIPPLE AND NOISE	CASE SIZE	MODEL NUMBER
		LINE	LOAD			
SINGLE OUTPUT MODELS						
5V	3A	±.05%	±.05%	1.0 mV RMS	B	PL110
	6A	±.05%	±.05%	1.0 mV RMS	C	PL111
	9A	±.05%	±.05%	1.0 mV RMS	N	PL112
	12A	±.05%	±.05%	1.0 mV RMS	D	PL113
	18A	±.05%	±.05%	1.0 mV RMS	E	PL114
12V	1.8A	±.05%	±.05%	1.0 mV RMS	B	PL120
	3.4A	±.05%	±.05%	1.0 mV RMS	C	PL121
	6.8A	±.05%	±.05%	1.0 mV RMS	D	PL122
	10.2A	±.05%	±.05%	1.0 mV RMS	E	PL123
15V	1.5A	±.05%	±.05%	1.0 mV RMS	B	PL130
	3.0A	±.05%	±.05%	1.0 mV RMS	C	PL131
	6.0A	±.05%	±.05%	1.0 mV RMS	D	PL132
24V	1.2A	±.05%	±.05%	1.0 mV RMS	B	PL140
	2.4A	±.05%	±.05%	1.0 mV RMS	C	PL141
	4.8A	±.05%	±.05%	1.0 mV RMS	D	PL142
DUAL OUTPUT MODELS						
±12V	±1.0A	±.05%	±.05%	1.0 mV RMS	AA	PL150
	±1.8A	±.05%	±.05%	1.0 mV RMS	BB	PL151
	±3.4A	±.05%	±.05%	1.0 mV RMS	CC	PL152
±15V	±0.8A	±.05%	±.05%	1.0 mV RMS	AA	PL160
	±1.5A	±.05%	±.05%	1.0 mV RMS	BB	PL161
	±3.0A	±.05%	±.05%	1.0 mV RMS	CC	PL162
TRIPLE OUTPUT MODELS						
5V/±12V	3/±1.0A	±.05%	±.05%	1.0 mV RMS	BB	PL170
	6/±1.8A	±.05%	±.05%	1.0 mV RMS	CBB	PL171
	12/±1.8A	±.05%	±.05%	1.0 mV RMS	DBB	PL172
5V/±15V	3/±0.8A	±.05%	±.05%	1.0 mV RMS	BB	PL180
	6/±1.5A	±.05%	±.05%	1.0 mV RMS	CBB	PL181
	12/±1.5A	±.05%	±.05%	1.0 mV RMS	DBB	PL182

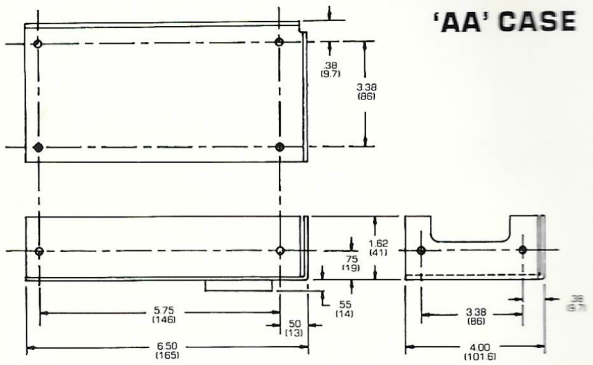
OPTIONS

- Remote Sense on All Outputs
- OVP on All Outputs
- PEM Nuts
- Screw Type Output Terminals

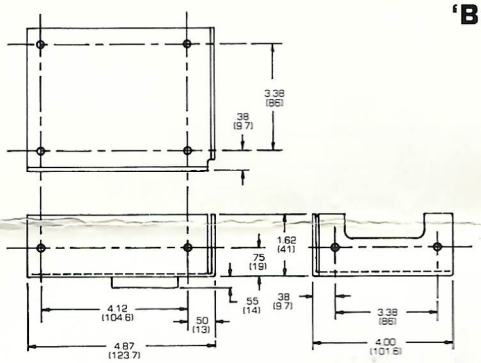


For further information on customs or options please contact factory.

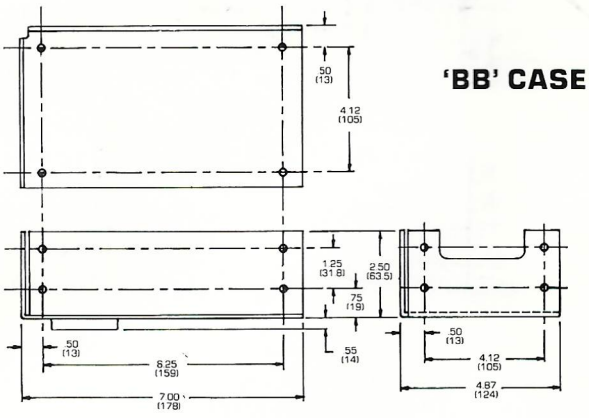
'AA' CASE



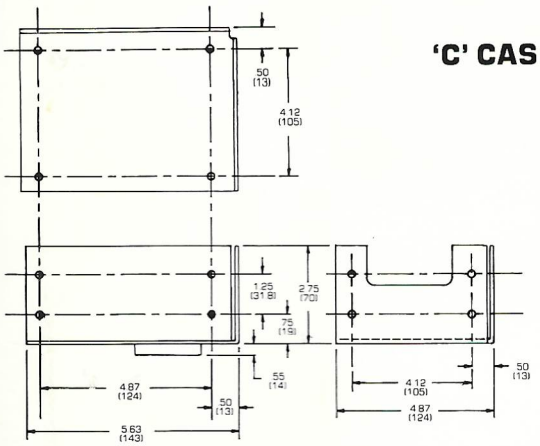
'B' CASE



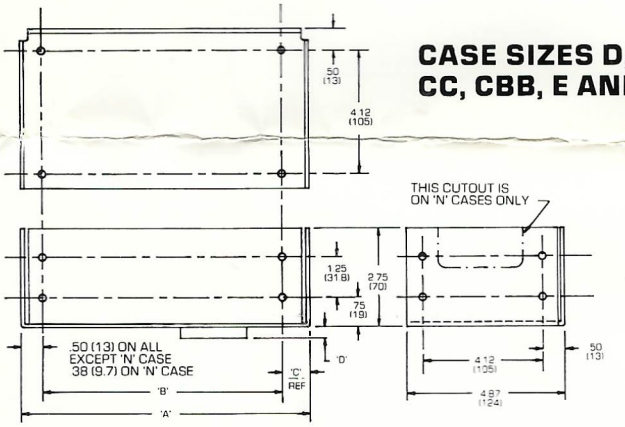
'BB' CASE



'C' CASE



CASE SIZES D, DBB, CC, CBB, E AND N



DIMENSION	'D' CASE	'DBB' CASE	'CC' CASE	'CBB' CASE	'E' CASE	'N' CASE
A	9.00 (229)	14.25 (362)	9.37 ((238)	11.00 (279.5)	14.00 (355.6)	7.00 (178)
B	8.00 (203)	8.75 (222)	8.37 (212.5)	7.50 (190.5)	13.00 (330)	6.25 (159)
C	.50 (13)	5.00 (127)	.50 (13)	3.00 (76)	.50 (13)	.38 (9.6)
D	.65 (16.5)	.65 (16.5)	.68 (17)	.65 (16.5)	.65 (16.5)	.55 (14)

All dimensions are in inches (MM)

COMPUTER PRODUCTS™
POWER PRODUCTS DIVISION

Two-Year Warranty

Specifications subject to change without notice.

Printed in U.S.A. Copyright © 1986 Computer Products Inc. All rights reserved.

2981 Gateway Dr., Pompano Beach, FL 33069 Phone: (305) 974-2442 TWX: 510-956-3098 FAX: (305) 971-7526

11/86

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP