## VICON PRODUCT SPECIFICATION

MODEL: REFER TO TABLE 1

PRODUCT CODE: REFER TO TABLE 1

## **DESCRIPTION:** DC POWER SUPPLIES FOR FIBER-OPTIC TRANSMISSION SYSTEMS

- Converts AC input to DC output
- Standard and heavy-duty models available
- For use with Vicon fiber optic line



Three direct current (DC) power supplies are available for surface-mounted (non-rack-mounted) models of Vicon's OPTECH fiber-optic systems. The VOPPS-120DC standard model accommodates most transmitters, receivers, and transceivers. A few of the large, multisignal units require the heavy-duty VOPPS-120HDC. A third model, VOPPS-220HDC, with 220/240-volt input and European-style plug is intended for use in areas with 220- to 240-volt line power.

Rack-mounted modules obtain power from one of the power supplies designed for the card cage racks. For technical information on the racks, refer to Product Specification 740.

All models provide a five-foot (1.5-m) two-conductor pendant cable for connection to the fiber-optic module. Refer to Table 2 for dimensions and weights.

Table 3 is a list of recommended applications.

TABLE 1
MODELS, PRODUCT CODES, AND POWER RATINGS

Code	Input Voltage	Power Output	
	Volts AC	Volts DC	Amps
5940	120*	12	1.0
5941	120*	13.5	1.7
5942	230*	13.5	1.7
	5940 5941	Volts AC   5940 120*   5941 120*	Volts AC Volts DC   5940 120* 12   5941 120* 13.5

\*AC, +/-10%

NOTES	SPEC NO.	REV.	SEC.
SUPERSEDES PRODUCT SPECIFICATION 743-493	743	699	12



VOPPS POWER SUPPLIES

\*Note: When installing a power supply, do not plug the power supply into the wall outlet until the cable has been connected to the fiber-optic transmitter or receiver.

TABLE 3				
POWER SUPPLY	APPLICATIONS			

OPTECH Model (w/o suffix)	Recomended Power Supply
V2710, V2711, V2712	VOPPS-120DC or VOPPS-220HDC
V2720	VOPPS-120DC or VOPPS-220HDC
V2750	VOPPS-120DC or VOPPS-220HDC
V2810	VOPPS-120DC or VOPPS-220HDC
V2752, V2754	VOPPS-120HDC or VOPPS-220HDC
V2830	VOPPS-120HDC or VOPPS-220HDC

TABLE 2			
DIMENSIONS AND WEIGHTS			

Model Number	Dimensions in. (cm) (H × W × L)	Weight Ib (kg)	Shipping Dimensions in. (cm) (H × W × L)	Shippping Weight Ib (kg)	Shipping Volume ft³ (m³)
VOPPS-120DC	$\begin{array}{c} 3.0 \times 2.1 \times 1.9 \\ (7.6 \times 5.3 \times 4.8) \end{array}$	1.0 (0.45)	$\begin{array}{c} 3.75 \times 2.75 \times 2.25 \\ (9.5 \times 7.0 \times 5.7) \end{array}$	1.1 (0.5)	0.013 (0.0004)
VOPPS-120HDC	$\begin{array}{c} 3.25\times2.4\times2.1\\ (8.3\times5.8\times5.3) \end{array}$	1.9 (0.86)	$\begin{array}{c} 4.6 \times 4.0 \times 3.0 \\ (11.7 \times 10.2 \times 7.6) \end{array}$	2.0 (0.9)	0.03 (0.0008)
VOPPS-220HDC	$\begin{array}{c} 3.25\times2.4\times2.1\\ (8.3\times5.8\times5.3) \end{array}$	1.5 (0.7)	$\begin{array}{c} 4.6 \times 4.0 \times 3.0 \\ (11.7 \times 10.2 \times 7.6) \end{array}$	1.9 (0.9)	0.03 (0.0008)

Product specifications subject to change without notice.

Copyright © 1999 Vicon Industries Inc. All rights reserved.

Vicon part number 8006-7743-01-00

Vicon and its logo are registered trademarks of Vicon Industries Inc.

VICON INDUSTRIES INC. 89 ARKAY DRIVE, HAUPPAUGE, N.Y. 11788 **\* TEL:** 516-952-CCTV (*2288*) **\* FAX:** 516-951-CCTV (*2288*) **TOLL FREE:** 800-645-9116 **\* UK:** 44/(0)1489/566300 **\* INFOFAX:** 800-287-1207 **\* WORLD WIDE WEB:** www.vicon-cctv.com