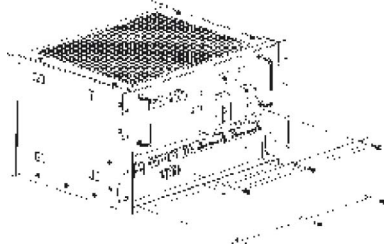


RP SERIES AC - DC POWER SUPPLY For Reactor Process Control

Direct replacement for original 7300 Series Power Supplies provided as part of the Westinghouse Reactor Process Control Systems. Converts 118VAC input to 26VDC, 23.4VDC or 24.2VDC (50 Hz only) output voltage.



Model RP2675



Features :

- Designed as complete Form, Fit, and Electrically Functional replacement for Original Westinghouse 7300 Series Power Supply
- Tighter Output Voltage Regulation
- Mild environment Qualified for use in Class 1E applications in accordance with IEEE 323 & 344
- Design life of 40 years (when recommended maintenance and replacement schedules are followed)
- Can be configured for load sharing, or for primary/standby operation
- Meets 10CFR 50 Appendix B and 10CFR 21 criteria (Audited by NUPIC)
- Equipped with lifting handles to assist in lifting unit into rack
- Circuit breaker provided for input and output protection
- Digital meters provided for output voltage and current measurement
- Includes alarm contacts for output overload and output under voltage
- Test jacks provided on front of unit

Model	Replaces Westinghouse	AC Input Volts	DC Output Volts	Output Current Rating	Dimensions (H x W x D) Inches (mm)
RP2660 RP2660-01*	6005D54-G03&4	118	26.0/24.2 (50 Hz only)	60 Amps DC	10.5 x 18.9 x 14.8 (267 x 480 x 376)
RP2675 RP2675-01*	NEW	118	26.0/23.4	75 Amps DC	10.5 x 18.9 x 14.8 (267 x 480 x 376)
RP2665 RP2665-01*	6005D54-G01&2	118	26.0/23.4	65 Amp DC	10.5 x 18.9 x 14.8 (267 x 480 x 376)

*Note the 01 models have the new 52 curve output breaker

GENERAL SPECIFICATIONS

AC Input Voltage:	118VAC +/- 5%, 1 Phase, 50 or 60 Hz
DC Output Voltage:	26, 24.2 (50Hz only), or 23.4 VDC,
DC Output Current:	60 (50Hz only), 65, or 75 Amps
Output Voltage Regulation :	+/- 1 Volt DC
Ambient Temperature Rating;	0-60° C

SPEC COMPARISON (WESTINGHOUSE 7300 & AMETEK Solidstate Controls RP SERIES)

Characteristic	Westinghouse Original	Solidstate Alternate	Solidstate New	Westinghouse Original	Solidstate New
Part Number	6005D54 G01&2	RP2665	RP2675	G03 & 4	RP2660
Input Voltage	118VAC	Same	Same	Same	Same
Input Current	21.5A	25.6A	29.5A	21.5A	23.6A
Input Frequency	60HZ	60HZ	60HZ	50HZ	50HZ
Input Fuse/Breaker	F-30A	B-30A	B-40A	F-30A	B-40A
Output Voltage	26/24VDC	26VDC*	26VDC*	26/24VDC	26VDC*
Output Current	65 A	65A	75 A	50 A	60 A
Output Fuse/Breaker	B- 70A	B-75A	B-100A	B-55A	B-100A
HI Tap/High Line**	>28VDC	< 27VDC	< 27VDC	> 28VDC	< 27VDC
Operating Temperature	0 - 60 C	Same	Same	Same	Same
Capacitor Temp. Rating	55 C	85 C	85 C	55 C	85 C
Capacitor Rating	5x100000uf	4x140000uf	4x140000uf	5x100000uf	4x140000uf
Diodes	70A,200V	90A,400V	90A,400V	70A,200V	90A,400V
Transformer Insulation rating	155 C	220 C	220 C	155 C	220 C
Bleeder Resistor- Ohms	2x 15	2x 20	2x 20	2x 15	2x 20
Bleeder Resistor Wattage	75W	95W	95W	75W	95W
Output Meters	Analog	Digital 1%	Digital 1%	Analog	Digital 1%
Alarms	Over Load & Under Voltage	Same	Same	Same	Same
Dimension (HxWxD)(Inches)	10.5x19x14.7	Same	Same	Same	Same
Weight - lbs.	150	150	150	150	150
Handles	NO	YES	YES	NO	YES
Test Jacks	NO	YES	YES	NO	YES
Seismic Qualified	YES	YES****	YES****	YES	YES****

Notes: * Manual tap to 23.4VDC (60HZ), 24.2VDC (50HZ)
 ** Lightly loaded.
 *** Jacks on top front panel (not behind terminal board cover plate)
 **** IEEE-323- 75 Dynamic testing - 2/3 machine limits (6 G's)



World Headquarters
 875 Dearborn Drive - Columbus, OH
 Phone: 1-614-846-7500 1-800-635-7300
 Fax: 1-614-885-3990

Latin American/South American Headquarters
 Olive 1954 2000 Rosario, Argentina
 Phone: +54-341-455-3332 Fax: +54-341-454-0142
 Fax: 1-614-885-3990

The Columbus Ohio and Rosario, Argentina facilities are ISO 9001 Certified

Asia Pacific Headquarters
 Flats F-G 12 th Floor
 Golden Sun Center
 59-67 Bonham Strand West
 Sheung Wan, Hong Kong
 Phone: +852-2526 - 1967/1970 Fax: +852-2526-0225

Mexico Office
 Calle Lago Meru
 No.32 3rd Floor
 Mexico City, Mexico 11520 D.F.
 Phone: +52-555-250-1232
 Fax: +52-555-250-7981