

D E S C R I P T I O NPRODUCT COVERED:

USR, CNR - Power supplies Models JWS300-2, -3, -5, -6, -9, -12, -15, -18, -24, -28, -36, -48 with or without suffix /PV; JWS300-24/CP Series.

RATINGS:

Model	Input			Output	
	V ac	Hz	A	V dc	A
JWS300-2	100-240	50/60	4.4	2	60
JWS300-3	100-240	50/60	4.4	3.3	60
JWS300-5	100-240	50/60	4.4	5	60
JWS300-6	100-240	50/60	4.4	6	50
JWS300-9	100-240	50/60	4.4	9	34
JWS300-12	100-240	50/60	4.4	12	27
JWS300-15	100-240	50/60	4.4	15	22
JWS300-18	100-240	50/60	4.4	18	18
*JWS300-24/CP	100-240	50/60	4.4	12-24	14
JWS300-24	100-240	50/60	4.4	24	14
JWS300-28	100-240	50/60	4.4	28	12
JWS300-36	100-240	50/60	4.4	36	8.5
JWS300-48	100-240	50/60	4.4	48	6.5

*MODEL DIFFERENCES -

Models with the with suffix/PV are identical to the original models described in this report, except for secondary control circuitry which allows for linear adjustment of the output voltage, between 20% and 100% of the rated output voltage, by applying an external voltage of 1 to 5 V to the "PV" and "-S" terminals of the power supply.

Model JWS300-24/CP is identical to Model JWS300-24 except for secondary control circuitry which allows for linear adjustment of the output voltage between 12 and 24 V, by applying an external voltage of 3 to 6 V to the "PV" and "-S" terminals of the power supply.

ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE'S USE):

Use - For use only in (or with) complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

Conditions of Acceptability - When installed in the end product, considerations shall be given to the following:

1. This component has been judged on the basis of the required spacings in the Standard for Information Technology Equipment, Including Electrical Business Equipment, UL 1950, Subclause 2.9, Third Edition.
2. All secondary output circuits are SELV and are hazardous energy levels.
3. The power supply shall be properly bonded to the main protective earthing termination in the end product.
4. The maximum working voltage primary to secondary present is 680 Vp. The electric strength test in end product shall be based on this value.
5. The equipment has been evaluated for use in a Pollution Degree 2 environment.
6. The power supplies were tested for use in a 50°C ambient at 100 percent load, 60°C ambient at 70 percent load, and 65°C at 55 percent load. The need for repeating the temperature test for other loading or ambient conditions shall be determined by the end product engineer.
7. The terminals are suitable for factory wiring only.

Special Considerations - The following items are considerations that were used when evaluating this product.

USR, CNR indicates investigation to the U.S. Standard for Safety of Information Technology Equipment Including Electrical Business Equipment, UL 1950 and CSA C22.2 No. 950-95, Third Edition dated July 28, 1995.

The component is Class I (earthed), for building in, intended for use on TN power system.