

DESCRIPTION

PRODUCT COVERED:

USR/ CNR - Power supplies Models JWS300-2, -3, -5, -6, -9, -12, -15, -18, -24, -28, -36, -48 with or without suffix /PV,/GE; JWS300-24/CP Series, JWS240P-24, JWS240P-48 JWS240P-36 and JWS300-24/28J .

RATINGS:

Model	Input		A	Output		
	V	Hz		V dc	A	
	ac	dc				
JWS300-2	100-240	120-360	50/60	4.4	2	60
JWS300-3	100-240	120-360	50/60	4.4	3.3	60
JWS300-5	100-240	120-360	50/60	4.4	5	60
JWS300-6	100-240	120-360	50/60	4.4	6	50
JWS300-9	100-240	120-360	50/60	4.4	9	34
JWS300-12	100-240	120-360	50/60	4.4	12	27
JWS300-12/508						
JWS300-15	100-240	120-360	50/60	4.4	15	22
JWS300-18	100-240	120-360	50/60	4.4	18	18
JWS300-24/CP	100-240	120-360	50/60	4.4	12-24	14
JWS300-24	100-240	120-360	50/60	4.4	24	14
JWS300-24/508						
JWS300-24/28J	100-240	120-360	50/60	4.4	28	12
JWS300-28	100-240	120-360	50/60	4.4	28	12
JWS300-36	100-240	120-360	50/60	4.4	36	8.5
JWS300-48	100-240	120-360	50/60	4.4	48	6.5
JWS240P-24	100-240	120-360	50/60	3.2	24	10
JWS240P-24/508						
JWS240P-36	100-240	120-360	50/60	3.2	36	6.65
JWS240P-48	100-240	120-360	50/60	3.2	48	5

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MODEL DIFFERENCES -

Models with the 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.

Models with suffix "/GE" are identical to the original Models except an additional "RTV" for mechanical support components.

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.

Model JWS240P Series are identical to model JWS300 Series except for max power and model destination, and as noted on page 9.

Model JWS300-24/28J is identical to Model JWS300-24 except Model JWS300-24/28J output rating is limited to 12 A, 28 V and Model JWS300-24 output rating is 14 A, 28 V.

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. The equipment has been judged on the basis of the required creepage and clearances in the US and Canadian (Bi-National) Standard for Safety of Information Technology Equipment, CAN/CSA C22.2, No. 60950-1/ UL 60950-1, Clause 2.10, which would cover the end-use product for which the component was designed.

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. and Canadian (Bi-National) Standard for Safety of Information Technology Equipment, CAN/CSA C22.2, No. 60950-1/ UL 60950-1, First Edition.

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