

## PRODUCT COVERED:

USR, CNR: Power supplies, Models JWS600-2, -3, -5, -6, -7, -8, -9, -12, -15, -18, -24, -28, -36, -48, JWS480P-24, -36, -48. May be provided with suffixes "/PV", "/HKA", "/HKM" or "/HKH".

## RATINGS:

Model	Input			Output		
	V	Hz	A	V dc	A	(Peak)
JWS600-2	AC 100-240, DC 120-360	50/60, DC	8.2	2	120	-
JWS600-3	AC 100-240, DC 120-360	50/60, DC	8.2	3.3	120	-
JWS600-5	AC 100-240, DC 120-360	50/60, DC	8.2	5	120	-
JWS600-6	AC 100-240, DC 120-360	50/60, DC	8.2	6	100	-
JWS600-7	AC 100-240, DC 120-360	50/60, DC	8.2	7	85	-
JWS600-8	AC 100-240, DC 120-360	50/60, DC	8.2	8	68	-
JWS600-9	AC 100-120, DC 120-360	50/60, DC	8.2	9	68	-
JWS600-12, JWS600-12/508	AC 100-240, DC 120-360	50/60, DC	8.2	12	53	-
JWS600-15, JWS600-15-/508	AC 100-240, DC 120-360	50/60, DC	8.2	15	43	-
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JWS600-24, JWS600-24/508	AC 100-240, DC 120-360	50/60, DC	8.2	24	27	-
JWS600-28	AC 100-240, DC 120-360	50/60, DC	8.2	28	23	-
JWS600-36	AC 100-240, DC 120-360	50/60, DC	8.2	36	17	-
JWS600-48	AC 100-240, DC 120-360	50/60, DC	8.2	48	13	-
JWS480P-24, JWS480P-24/508	AC 100-240, DC 120-360	50/60, DC	6.4	24	20 (40)	-
JWS480P-36	AC 100-240, DC 120-360	50/60, DC	6.4	36	13.3 (26.6)	-
JWS480P-48	AC 100-240, DC 120-360	50/60, DC	6.4	48	10 (20)	-

Model Differences - Models are identical except for Transformer (T52) Secondary Winding, Secondary Component ratings and electrical ratings. Suffix \*"/PV" indicates output voltage control. Suffix "HKA" indicates modified input protection circuit.

Suffix "/HKM" indicate modified input protection circuit and delete the circuit of FET Q4.

Suffix "/HKH" is identical to Suffix "/HKM" except the resistor R5 is deleted.

Note: Operating time at peak output is less than 10 sec. (Duty  $\leq$  0.5)

## ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

Use - Fore 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 Safety of Information Technology Equipment - Safety - Part 1: General Requirements, CSA C22.2 No. 60950-1 \* UL60950-1, First Edition, Clause 2.10.
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 728 Vp. The electric strength test in the 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 supply is considered for use in a maximum ambient 50°C at 100% output load and 65°C at 50% output load for JWS600 Series and 50°C at 100% output load and 60°C at 70% output load and 65°C at 55% output load for JWS480P Series.
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 - Safety - Part 1: General Requirements, CSA C22.2 No. 60950-1 \* UL60950-1, First Edition.

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