

## DESCRIPTION

## PRODUCT COVERED:

USR, CNR Power Supply, Models NLP65-3268, -3279, -3300, -3304, -3322, -3325, -3334, -3339, -3342, -7605-160, -7605A01, -7605V45, -7608G-01 -7608G-154, -7608JM10, -7610-1, 12/20/00-7610-153, -7610-157, -7610G-1, -7620GB, -7629-52, -7660, -X308, -X310, -X320, -X329, -X605, -X608, -X610, -X612, -X615, -X620, -X624, -X629, -9329-162, -9330, -9605-01, -9605N01, -9605N02, -9608-155, -9608-158; -9608-159, -9608N01, -9612-02, -9629GB, -9629-N02, -9629N03, -9910 and NLP70-9693, -9693-01, -9693N01, where "X" represents number 7 or 9. Models numbers may be followed by suffixes. Suffix started with "E" denotes enclosed units. These suffixes denote minor changes that do affect safety.

Remark: The model name may include suffix-Y to YYYY, represent alphanumeric characters, not relate to safety.

## ELECTRICAL RATINGS:

Voltage:	100 - 240 V ac
Frequency:	50/60 Hz
Current:	1.8 - 1.0 A

Model	Output, (dc)		
	V	(I) Max	(I) Fan
NLP65-3268	5.1 12.0 -12.0	- - -	12.0 0.5 0.5
NLP65-3279	5.0 12.0	- -	12.0 0.5
NLP65-3300	3.3	10.0	-
NLP65-3322	5.0 24.0 12.0	7.0 1.5 0.7	- - -
NLP65-3325	5.0 24.0	7.5 1.2	- -
NLP65-3334	5.0	10.0	12.0
NLP65-3339	3.3 12.0	10.0 0.5	- -
NLP65-3342	5.0 -24.0 12.0	7.0 1.5 0.7	- - -
NLP65-7605-160	5.3	10.0	12.0
NLP65-X308	5.0 12.0 -12.0	7.5 1.0 0.65	9.0 1.25 0.8
NLP65-X310	5.0 15.0 -15.0	7.5 1.0 0.65	9.0 1.25 0.8
NLP65-X320	5.0 24.0	7.5 1.0	9.0 1.25
NLP65-X329, -9329-162, -9330	5.0 12.0	7.5 1.0	9.0 1.25
NLP65-X605, -7605A01, -7660	5.0	10.0	12.0
NLP65-7605V45	5.45	9.0	-
NLP65-X608, -3304, -7608G-154, -9608-155, -9608-158, -9608-159, -9608N01	5.0 12.0 -12.0	7.0 2.5 0.65	8.0 3.0 0.8
NLP65-7608JM10	5.4	7.0	8.0

\*

12.0	2.5	3.0
-12.0	0.65	0.8

\*

Model	Output, (dc)		
	V	(I) Max	(I) Fan
NLP65-X610, -7610-153, -7610-157, -7610G-1	5.0	7.0	8.0
	15.0	2.2	2.5
	-15.0	0.65	0.8
NLP65-X612	12.0	5.4	6.5
NLP65-X615	15.0	4.4	5.3
NLP65-X620	5.0	7.0	8.0
	24.0	2.0	2.0
NLP65-X624	24.0	2.7	3.5
NLP65-X629	5.0	7.0	8.0
	12.0	2.5	3.0
NLP65-7608G-01	5.2	6.7	7.6
	12.0	2.5	3.0
	-12.0	0.65	0.8
NLP65-7620GB	5.0	7.0	-
	24.0	1.4	-
NLP65-9605-01	5.3	9.0	11.3
NLP65-9605N01	2.1-3.3	10.2	-
NLP65-9605N02	3.08-4.32	5	-
	3.08-4.32	5	-
NLP65-9612-02	12.5	5.2	6.2
NLP65-9629GB	7.0	4.0	-
	12.0	2.5	-
NLP65-9629-N02	5.1	3.0	-
	12.0	4.0	
NLP65-962N03	5.1	5.0	5.0
	12.0	5.0	5.0
NLP65-9910XXX	5.0	6.0	8.0
	15.0	1.0	2.5
	-15.0	0.65	0.8
NLP70-9693	5.0	10.5	13
	3.3	10.5	13
	12.0	0.65	0.8
NLP70-9693N01	5.15	10.5	13
	3.3	10.5	13
	12.0	0.65	0.8
NLP70-9693-01	5.1	10.5	13
	3.45	10.5	13
	12.0	0.65	0.8

## Notes:

- Models NLP65-X629,-X608, -7608JM10, -X610, -9910 (including similar models which are grouped together under Electrical Ratings) are not to exceed 62.5 W continuous output power with natural convection. Models NLP65-620, -7620GB are not to exceed 65 W continuous output power with natural convection. Model NLP65-9629-N02 is not to be exceed 63 W continuous output power with natural convection. Model NLP65-96209N03 is not to exceed 85.5 W with two 18 CFM, fans blowing air across the supply.
- Maximum continuous output power for all multiple-output models, except as noted, not to exceed 75 W with 20 CFM forced air cooling.

3. Models NLP65-3268, -3279 were evaluated for use with a 33 cfm fan, located 3 in. from the L3 side of the power supply, blowing air across the supply. Maximum continuous output power not to exceed 72 W.

4. "X" in model number designation may be number 7 or 9, indicating non-PFC or PFC units, respectively.

5. All units use F3.15A, H250 V fuse.
6. Units may or may not be followed by suffix A01 through Z99. Suffix started with "N" denotes open-frame units. Suffix started with "E" denotes enclosed units. These suffixes denote minor changes in the power supplies that do not effect safety.
7. Model NLP65-X308: Output power not to exceed 49.5 W natural convection. 69.6 W with a 20 CFM fan.
8. Models NLP65-X310 and -X320: Output power not to exceed 49.5 W natural convection. 75 W with a 20 CFM fan.
9. Models NLP65-X329, -9329-162, -9330: Output power to exceed 47 W natural convection. 60 W with a 20 CFM fan.
10. Suffix "G" denotes standard unit with grounding spade (J2), ground inductor (L6) and green/yellow ground wire.
11. Suffix "MB" denotes that a mounting bracket is provided. Suffix "C" denotes that a cover is provided. Suffix "MBC" denotes that both are provided.
12. Models NLP65-3322, -3342: Output power not to exceed 60 W natural convection.
13. Model NLP65-3325: Output power not to exceed 40 W natural convection.
14. Model NLP70-9693: Output power not to exceed 52.5 W natural convection, with the sum of the 5 V and 3.3 V output currents not to exceed 10.5 A. Output not to exceed 70 W with 20 CFM fan, with the sum of the 5 V and 3.3 V output currents not to exceed 15 A.
15. Model NLP70-9693-01: Output power not to exceed 52.5 W natural convection with the sum of the 5.1 V and 3.45 V output currents not to exceed 10.5 A. Output not to exceed 70 W with 20 CFM fan with the sum of the 5.1 V and 3.45 V output currents not to exceed 15 A.
16. Model NLP70-9693N01: Output power not to exceed 52.5 W natural convection, with the sum of the 5.15 V and 3.3 V output currents not to exceed 10.5 A. Output not to exceed 70 W with 20 CFM fan, with the sum of the 5.15 V and 3.3 V output currents not to exceed 15 A.
17. Model NLP65-9605N01: Output power not to exceed 33.66 W natural convection.
18. Model NLP65-9605N02: Output power not to exceed 43.2 W natural convection inside a non-vented metal enclosure min. 256.25 cubic inches (10-1/4 by 6-1/4 by 4 in.). See Ill. 20 for enclosure details.
19. Model NLP65-9629N03: Output power not to exceed 85.5 W with forced air cooling by two internal fans (18 cfm each) within customer specific system.

\*

20. Models numbers may be followed by suffixes. Suffix started with "E" denotes

enclosed units. These suffixes denote minor changes that do affect safety.