

POWER SUPPLIES for xenon arc lamps

N.1 SERIES FOR SINGLE-PHASE INPUT | N.3 SERIES FOR THREE-PHASE INPUT



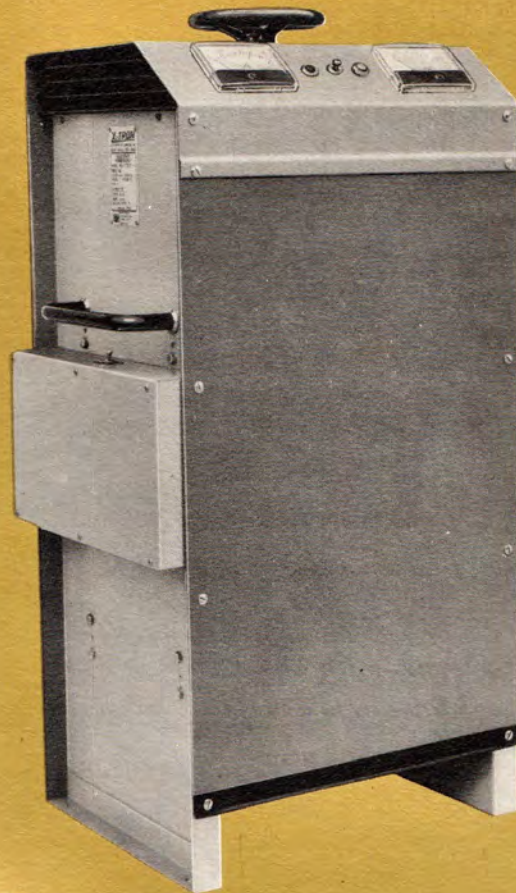
A complete line of solid state high quality power supplies expressly designed to ensure long life of Xenon bulbs from 450 to 6500 Watt.

Have the following features:

- Designed to meet the recommendations of the Xenon bulb manufacturers.
- Continuous output regulation over entire operating range.
- Special IREM transformer with adjustable magnetic shunt.
- Silicon diodes hermetically sealed, no aging.
- Free convection cooling - No fans.
- Designed for continuous duty in ambient temperature of 40° C.
- ON-OFF remote control switch.
- Two terminals to provide 220 Volts to igniter when unit is on.

ONE YEAR WARRANTY

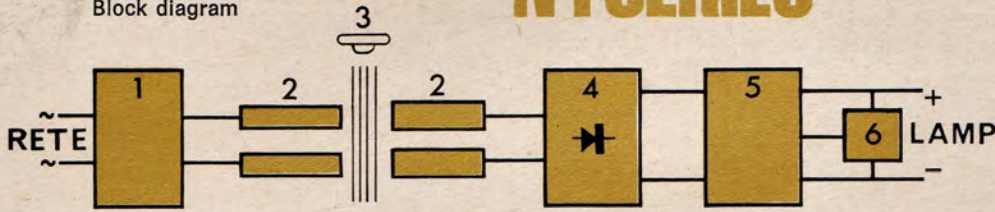
IREM HAS MANUFACTURED POWER SUPPLIES FOR ARC LAMPS FOR MORE THAN TWENTY YEARS AND EXPORTS THEM TO ALL WORLD MARKETS.



N1 SERIES

for single phase input

Block diagram



- 1 Remote control switch
- 2 Special transformer
- 3 Regulation hand wheel
- 4 Silicon rectifier
- 5 Filter
- 6 Inrush current limiter

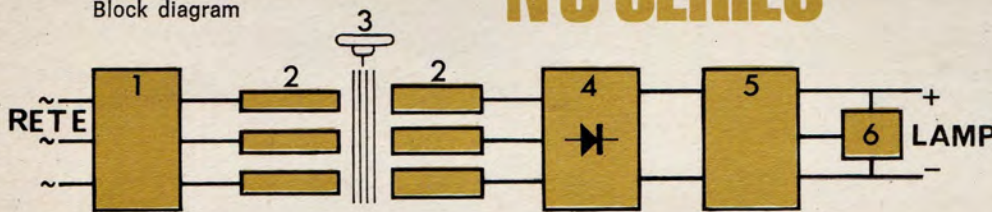
Model	Xenon lamp capacity	D.C. OUTPUT				A.C. INPUT*		DIMENSIONS IN INCHES (see below)			NET WEIGHT	
		Ampere	Volts	No-load volts	Peak to peak current ripple	VA max	Ampere max at 220 V. a.c.	A	B	H	Lbs.	Kg.
N1-X30DM	450W	17 ÷ 30	17 ÷ 25	78	5%	1750	8	10 ³ / ₄	16 ⁵ / ₈	27 ³ / ₈	128	58
N1-X50DM	900W	30 ÷ 53	18 ÷ 28	78	6%	3500	16	12 ³ / ₈	17 ⁷ / ₈	27 ⁵ / ₈	192	87
N1-X75DM	1600W	45 ÷ 75	22 ÷ 32	78	7%	5000	23	13 ³ / ₄	19 ⁷ / ₈	33 ¹ / ₂	243	110

* Available for 110/220 Volts 50 cps or 115/230 Volts 60 cps. Other input voltages on special order.
- Meters are optional.

N3 SERIES

for three phase input

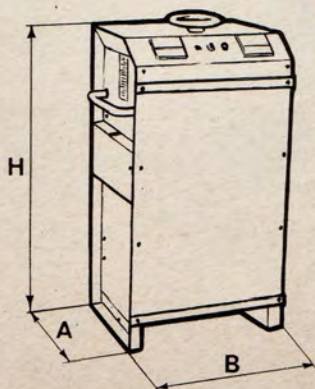
Block diagram



- 1 Remote control switch
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- 4 Silicon rectifier
- 5 Filter
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Model	Xenon lamp capacity	D.C. OUTPUT				A.C. INPUT*		DIMENSIONS IN INCHES (see below)			NET WEIGHT	
		Ampere	Volts	No-load volts	Peak to peak current ripple	VA max	Ampere max at 220 V. a.c.	A	B	H	Lbs.	Kg.
N3-X50DM	900W	30 ÷ 53	18 ÷ 28	78	7 ÷ 8%	2600	7	12	17 ³ / ₈	30	159	72
N3-X75DM	1600W	45 ÷ 75	22 ÷ 32	78	7 ÷ 8%	4000	10,5	13 ¹ / ₄	17 ³ / ₈	33	190	86
N3-X75/95DM	1600W 2500W	45 ÷ 95	22 ÷ 37	95	7 ÷ 8%	5700	15	15 ³ / ₄	19 ⁷ / ₈	37	298	135
N3-X95/140DM	2500W 4000W	60 ÷ 140	26 ÷ 39	120	7 ÷ 8%	9500	25	15 ³ / ₄	22 ⁷ / ₈	40 ¹ / ₄	331	150
N3-X140DM	4000W	70 ÷ 140	28 ÷ 39	120	7 ÷ 8%	10500	28	17 ³ / ₈	23	43 ¹ / ₈	404	183
N3-X160DM	6500W	80 ÷ 160	35 ÷ 45	120	7 ÷ 8%	12000	32	18 ¹ / ₂	23	45 ¹ / ₄	540	245
N3-X200DM	6500W	100 ÷ 200	38 ÷ 50	120	7 ÷ 8%	15000	40	18 ¹ / ₂	23	45 ¹ / ₄	595	270

* Available for 380 Volts 50 cps or 208/230 Volts 60 cps. Other input voltages on special order.
- Meters are optional.



DIMENSIONS

WHEN ORDERING PLEASE SPECIFY

- The model of power supply
- Input voltage and frequency
- Meters required: ammeter, voltmeter, or ammeter and voltmeter.

EXAMPLE

N3-X75DM power supply
Input 380 Volts 60 cycle
With ammeter.



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