

CXP SERIES

XENON equipment power supply

特殊產品 >> Xenon equipment power supply

IDRC always adheres to high reliability and stability and has decades of experiences of producing high capacity powersupply (up to 300kW) for laboratory/production purpose. In response to industry needs and solving the problems that our customers have met when using short-arc lamps, we have specifically developed. CXP Series - Xenon equipment Power Supply

Product Features :

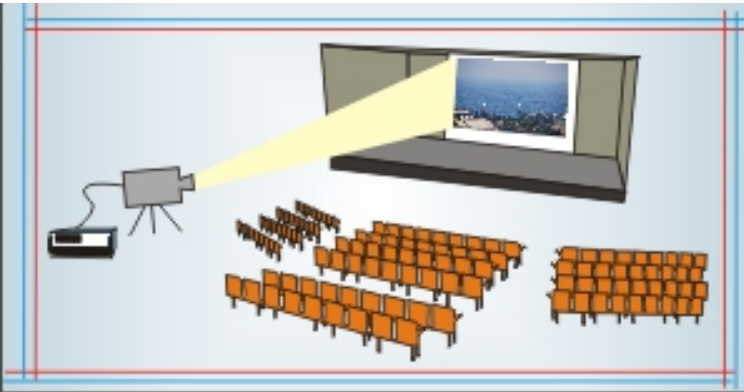
- Specialized power source for short arc lamp, i.e., Xenon lamp, and Xenon-Mercury lamp.
- Applicable for: (1) PCB exposure machine / semiconductor exposure,
(2) sunlight aging test
(3) digital cinema projector
(4) solar power system development.
- Standard models: 1~5kW , 6kW , 8kW , 10kW , 20kW.
- Built-in REI CIRCUIT, which can efficiently reduce electromagnetic interfere to other equipments.
- Multi-protection mechanism assures the lamp to run at the best condition.
- Applicable to all major brands of Xenon lamps such as USHIO, OSRAM, and YUMEX.
- Contains multi-stage filter with the lowest ripple noise to ensure the life of the lamp.
- Optional digital or analog interface (such as: with PLC connection...etc)
- Available accessories/ wiring between the power supply to the lamp (such as: High-voltage starter...etc)

Product Guarantee :

- CXP series products are all made by high-reliable components (such as: using NCC's Electrolytic Capacitor, SMT for Control panel) and have been tested rigorously.
- IDRC uses full range of equipments, such as high-end digital oscilloscopes, high voltage probes, current probes and so on, which can measure all the processes from ignition to stability.
- Over the years, hundreds of units have been performed and run stably around the world.
- There are service offices both in Taiwan and Mainland China, where we can provide you immediate services.

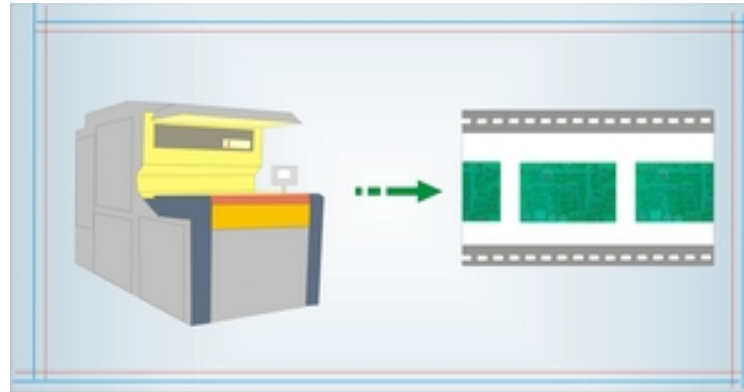
IDRC CXP series is applicable for :

Digital Cinema Projectors



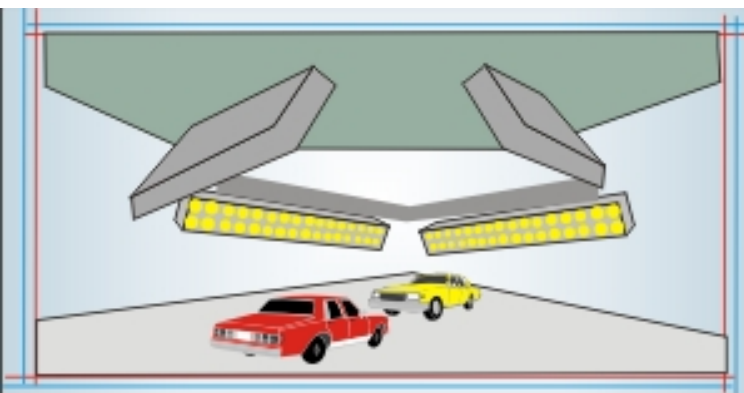
- Applies to 2Kx1K, 4Kx2K, and 8Kx4K projectors that are constituted by Ti DLP (e.g.: Barco, Christie, NEC) or LCOS (e.g.: JVC, SONY).

Exposure Equipment



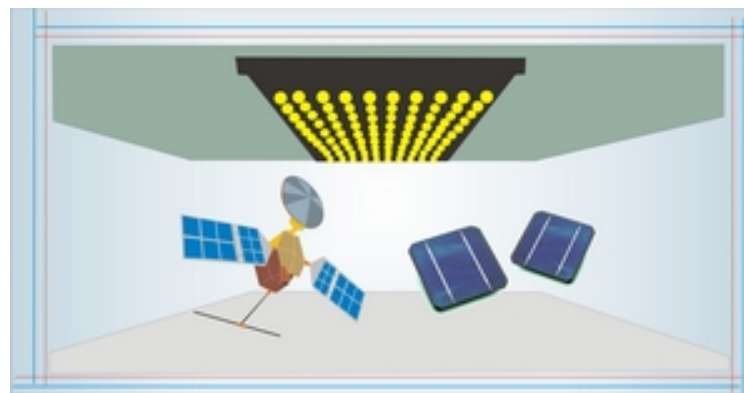
- Applies to PCB exposure machine ((short arc) collimate) or semiconductor exposure device power

Sunlight Aging Test



- The light aging test of the industrial materials

Solar Simulated



- The development and testing of solar energy

and products

component (such as: solar energy industry,
solar panels on telecommunication satellites)

Detail Information

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*Chyng Hong Electronic Co., Ltd (iDRC) retains the right of changing specifications and other product information.

iDRC also has rights to interpret specifications, but does not assume the content of the error or omission.

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Specification :

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Output current	Base on Lamp
Output capability	2kW , 3kW , 3.6kW , 4.2kW , 5kW, 6kW , 7kW , 8kW, 10kW , 12kW , 20kW
Output Current Ripple	Less than 0.5%
Output voltage	Base on Lamp
Voltage temperature effect	±0.2% / °C
Load regulation	less than 0.5%
Drift	0.2%
Input voltage (50/60Hz)	3P3W+GND 220V or 3P3W+GND 380V
Line regulation	±0.2% (ACV± 15% ; THD≤2% ; Frequency ±5%)
Controls & Indicators	<ul style="list-style-type: none"> • Automatically or manual ignition switch • Meter for current or voltage monitoring • Current adjustable • Set of 3 LED indicators status
Protections Function	<ul style="list-style-type: none"> • Over voltage protection • Over current protection • Line input over/under voltage protection (±15%) • Over temperature protection
Cooling system	Forced air-cooling type
Operating Temperature	0 ~ +40 °C
Humidity	10 ~ 90%RH
Insulation Resistance	10Mohm .500VDC (line input terminal to casing)
Acoustic Noise	70~80dB At 1 Meter Distance
Efficiency	> 80%

note.1 Test environment : AC line ±5% , Line THD≤2% , Line frequency±5%, Temperature 23 °C ± 3 °C , RH:25%

~ 75% (non-condensing)

Reference type :

Watt W	Model	Rate voltage (V)	Current adjustable range (A) (note.3)	Input Voltage (47 ~ 63Hz)	
1000	CXP-1000	21	30 ~ 50	3Ø3W 220V	3Ø3W+GND 220V / 380V
1550	CXP-1550	23	50 ~ 70	3Ø3W 220V	3Ø3W+GND 220V / 380V
2000	CXP-2000	23	70 ~ 110	3Ø3W 220V	3Ø3W+GND 220V / 380V
3000	CXP-3000	30	80 ~ 130	3Ø3W 220V	3Ø3W+GND 220V / 380V
3600	CXP-3600	28	80 ~ 130	3Ø3W 220V	3Ø3W+GND 220V / 380V
3600	CXP-4000	29	80 ~ 140	3Ø3W 220V	3Ø3W+GND 220V / 380V
4200	CXP-4200	29	80 ~ 160	3Ø3W 220V	3Ø3W+GND 220V / 380V
5000	CXP-5000	34	100 ~ 150	3Ø3W 220V	3Ø3W+GND 220V / 380V
6000	CXP-6000	37	110 ~ 165	3Ø3W 220V	3Ø3W+GND 220V / 380V
7000	CXP-7000	42	110 ~ 165	3Ø3W 220V	3Ø3W+GND 220V / 380V
8000	CXP-8000	45	110 ~ 180	3Ø3W 220V	3Ø3W+GND 220V / 380V
10000	CXP-10000	50	160 ~ 210	3Ø3W 220V	3Ø3W+GND 220V / 380V
12000	CXP-12000	56	180 ~ 210	3Ø3W 220V	3Ø3W+GND 220V / 380V
15000	CXP-15000	37.5	380 ~ 415	3Ø3W 220V	3Ø3W+GND 220V / 380V
20000	CXP-20000				

note.2Specifications in order confirmed, ships with a single current specifications.

Order Information :

For configured according to your specification. Please supply us with the following information

- Line input voltage
- Target lamps specification
- Working current
- Output capability
- What kind of ignitor do you need

Options :

CXP-OPT01	Ignitor
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- Specifications subject to change without notice.
- The dimensions in above table are estimated values, please consult us for the exact dimension.
- Special request on demand.

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