

■ ■ ■ MAKERS OF WIDE  
RANGE OF OSCILLO  
SCOPES. ■ ■ ■ D. V. M. S.  
D. P. M. S. ■ ■ ■ SIGNAL  
GENERATORS. F. E. T.  
INPUT MULTIMETERS  
■ ■ ■ POWER SUPPLIES,  
AND OTHER CUSTOM  
MADE ELECTRONIC  
INSTRUMENTS. ■ ■ ■



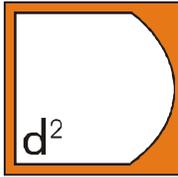
ISO 9001 : 2000

- **HV & LV Power Supplies:**

*D'square* designs & manufactures special very high voltage power supplies up to 30KVDC used for *x-ray tubes & laser guns*.

The range consists of-

1. Regularly used power supplies like 30V/ 2A, 60V/ 5A & 300V/ 100mA etc.
2. *DC/DC converter* based power supplies used for I/O modules. They have an internal provision to send digital control signals prior to enable the modules & check the system.
3. Special 3.5KV/ 25uA power supplies used for vacuum chambers to ionize the air.
4. Custom-built power supplies.



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- **Salient Features:**

1. Low voltage power supplies (fixed & variable) up to 300V & 5 Amp.
2. High voltage power supplies (fixed & variable) up to 15KV & 15 mA as per customer requirement.
3. Load & line regulation from 0.05% to 1 % as per customer requirement.
4. Ripple better than 50mV R.M.S.
5. AC INPUT: 230 V +/-10% @ 50Hz OR  
110V +/-10% @ 50Hz.

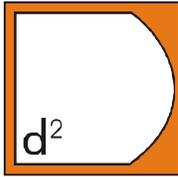
- **SPECIFICATIONS:**

1. **Mechanical Dimension (L X D X H)-**

160MM X 200MM X 120MM OR  
Standard 19" sub-rack OR  
As per customer requirement.

2. **Indications for *Voltage & Current*:**

- a) Analog/Digital meters with accuracy better than 1% FSD.
- b) 3.5 digit 12mm seven segment display with accuracy better than 0.5% +/- 2 DGT.



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- **Controls/Facilities -**

1. Short ckt. Protection.
2. Over current protection.
3. Over voltage trip & or indication.
4. Under voltage trip & or indication.
5. Constant current/ constant voltage type.
6. Any other as per customer's requirement.

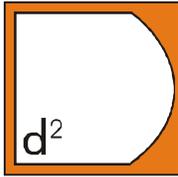
- **Variable Power Supplies**



MODEL	Description
DS-112-301-1/2	CCCV DC 0-30V, 1A Single/Dual Channel PS
DS-112-302-1/2	CCCV DC 0-30V, 2A Single/Dual Channel PS
DS-112-601-1/2	CCCV DC 0-60V, 1A Single/Dual Channel PS
DS-112-605-1/2	CCCV DC 0-60V, 5A Single/Dual Channel PS

Customized Combinational Models with variable and fixed supply voltages are also available.

For details, please contact factory.



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- **High Voltage PS**



MODEL	Description
DS-350030-1	DC 3.5 KV, 30 mA PS for Vacuum Pumps
DS-500005-1/2	DC 0-5 KV, 5 mA +Ve/-Ve PS
DS-500010-1/2	DC 0-5 KV, 10 mA +Ve/-Ve PS
DS-1000005-1/2	DC 0-10 KV, 5 mA +Ve/-Ve PS
DS-1000010-1/2	DC 0-10 KV, 10 mA +Ve/-Ve PS
DS-1500005-1/2	DC 0-15 KV, 5 mA +Ve/-Ve PS
DS-1500010-1/2	DC 0-15 KV, 10 mA +Ve/-Ve PS

Customized Combinational Models are also available.

For details, please contact factory.

**NOTE: WE RESERVE THE RIGHT TO ALTER THE SPECIFICATIONS FOR IMPROVEMENT OF THE PRODUCT.**