

SILICON POWER RECTIFIER



SUSHIL'S SILICON POWER RECTIFIER EQUIPMENT

Rectifier is a transformer that converts A.C. into D.C. Supply. It is used in Electroplating, Anodising, Hydrogenation and all other Electroplating Processes. These are tailor made, covering a wide range from 10 amps. to 15000 amps. We can provide different output DC voltage as per requirement. However standard ratings available are as under:

ON LOAD VOLTS	CURRENT IN AMPERS						
8	250	500	750	1000	1500	2000	3000 UPTO 15000
12	250	500	750	1000	1500	2000	3000 UPTO 15000
16	250	500	750	1000	1500	2000	3000 UPTO 15000
24	250	500	750	1000	1500	2000	3000 UPTO 15000

DIFFERENT CONTROLS

- SEM-15 Step Control : Range variable from 40% to 100% output D.C. volts.
- SEP-63 Step Control : Range variable from 15% to 100% output D.C.
- SER-Stepless Control : Range variable from 0% to 100% output D.C. volts.

SALIENT FEATURES

- Designed for 99% continuous duty cycle
- Compact design for space saving
- Low power consumption
- Ripple content less than 5%
- The equipment can bear overload upto 25% for short periods

CONSTRUCTIONS

MAIN TRANSFORMER

The main transformer is a double wound over sized KVA transformer provided to step down the supply voltage to values required for Sushil's Rectifiers unit. Electrolytic Copper Conductor is used in the winding of Transformer and CRGO lamination are stacked to reduce no load & on load losses.

INTER PHASE TRANSFORMER

Connected between two star points of the secondary of the main transformer, the inter phase transformer improves the commutation thereby increasing the rating of SUSHIL'S Rectifiers.

VOLTAGE REGULATORS

The on-load roller type voltage regulator used in SUSHIL'S rectifiers manufactured by us and is 4/5 time efficient than the conventional ones.

METER PANEL

Best quality meters and stunts to measure the output voltage and current more accurately.



Silicon Power Rectifier 12 Volt 2000 AMPS