

Electroplating Rectifier

As a large number of electrical and electronic circuits need DC supply for their operation, it is necessary to convert the alternating current (AC) to (Direct current) DC voltage. This is what a rectifier does.



A simple electroplating rectifier consists of one or more diodes that convert AC into DC by allowing the flow of current in only one direction.

So, how exactly does an electroplating rectifier work?

An Electroplating Rectifier is a device that is used in the electroplating process to convert AC (alternating current) into a DC (direct current) voltage supply. The plating process requires DC electric current to deposit the coating material onto the metal part. The conductors are dipped into the plating tank, and DC will be applied by the electroplating rectifier that is between the electrode and the parts.

This application of DC current causes positive and negative electric-field driven attraction that results in the deposition of the coating on the metal.