

## INVERTERS

An inverter refers to a power electronic device that converts power in DC form to AC form at the required frequency and voltage output.

Inverters are classified into two main categories –

- **Voltage Source Inverter (VSI)** – The voltage source inverter has stiff DC source voltage that is the DC voltage has limited or zero impedance at the inverter input terminals.
- **Current Source Inverter (CSI)** – A current source inverter is supplied with a variable current from a DC source that has high impedance. The resulting current waves are not influenced by the load.