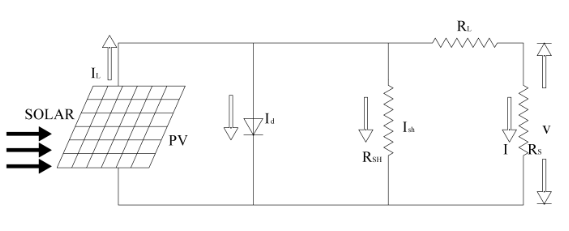


**Figure 1:** Schematic typical Solar cell



**Figure 2:** Equivalent circuit of **PV** cell

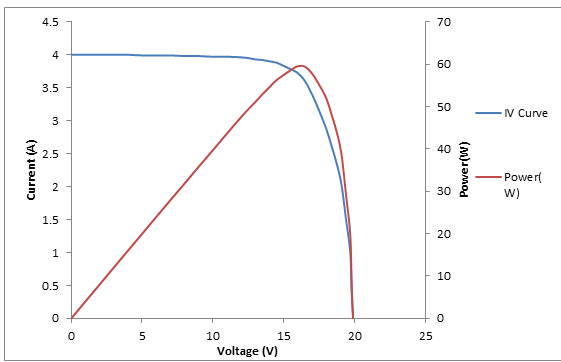


Figure 3: IV and PV curves of a silicon module

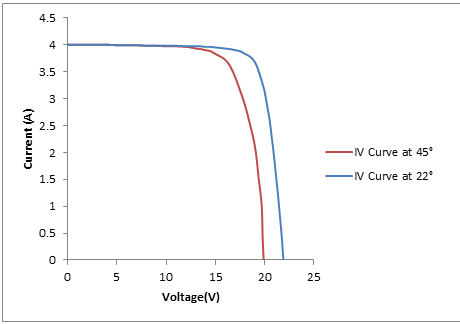


Figure 4: IV characteristic curve of PV module at different Temperatures



**Figure 5:** PV curve of solar cell at different temperature

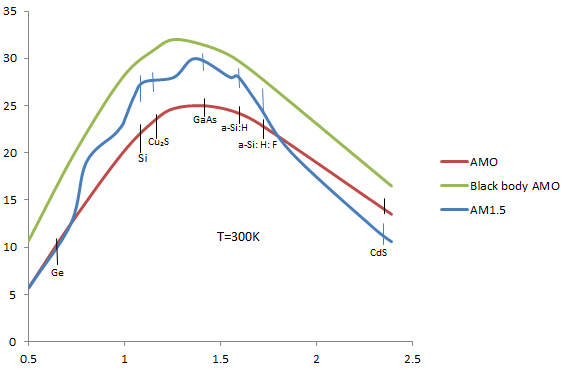


Figure 6: Relation between conversion efficiency and semiconductor band gap