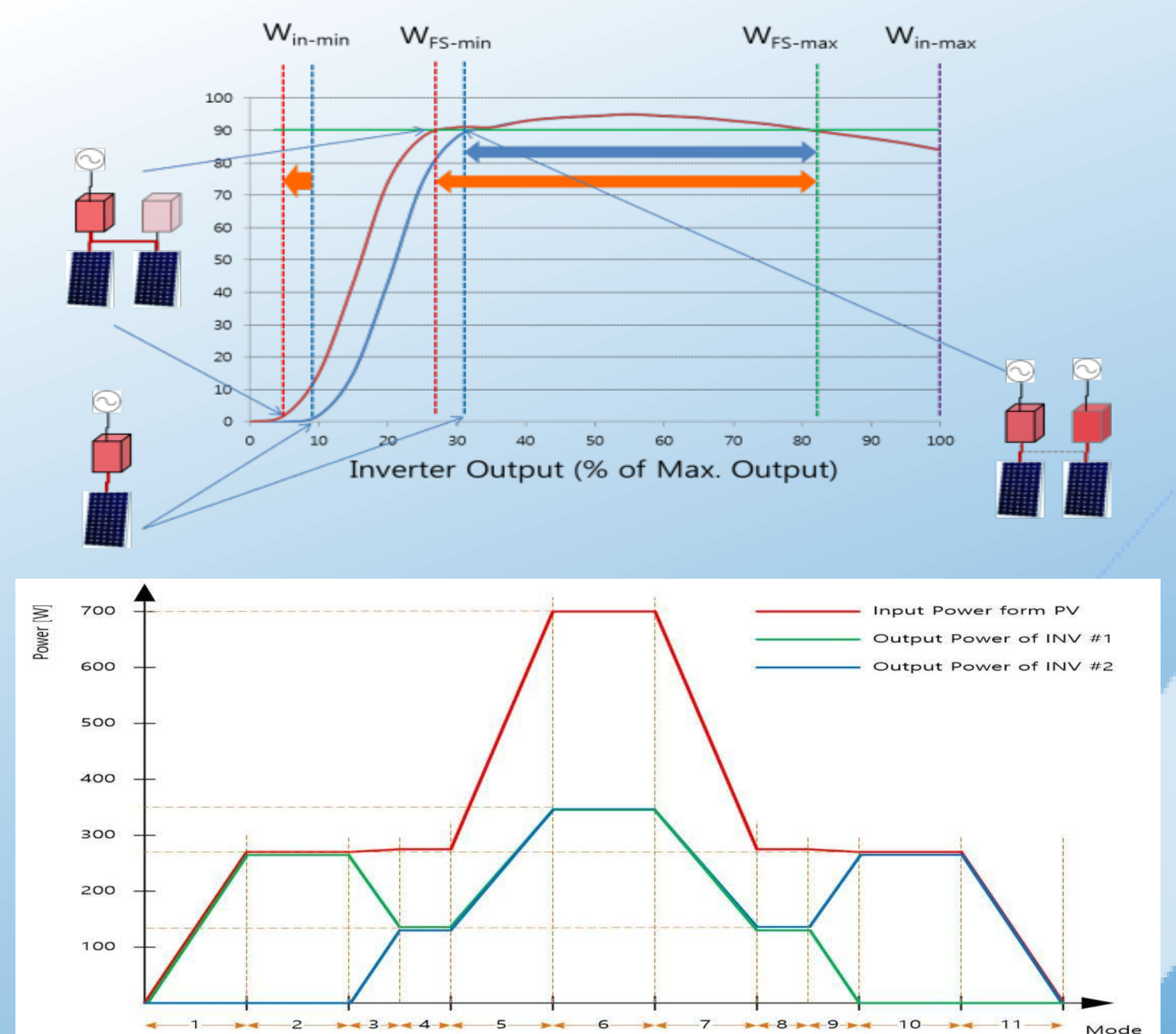
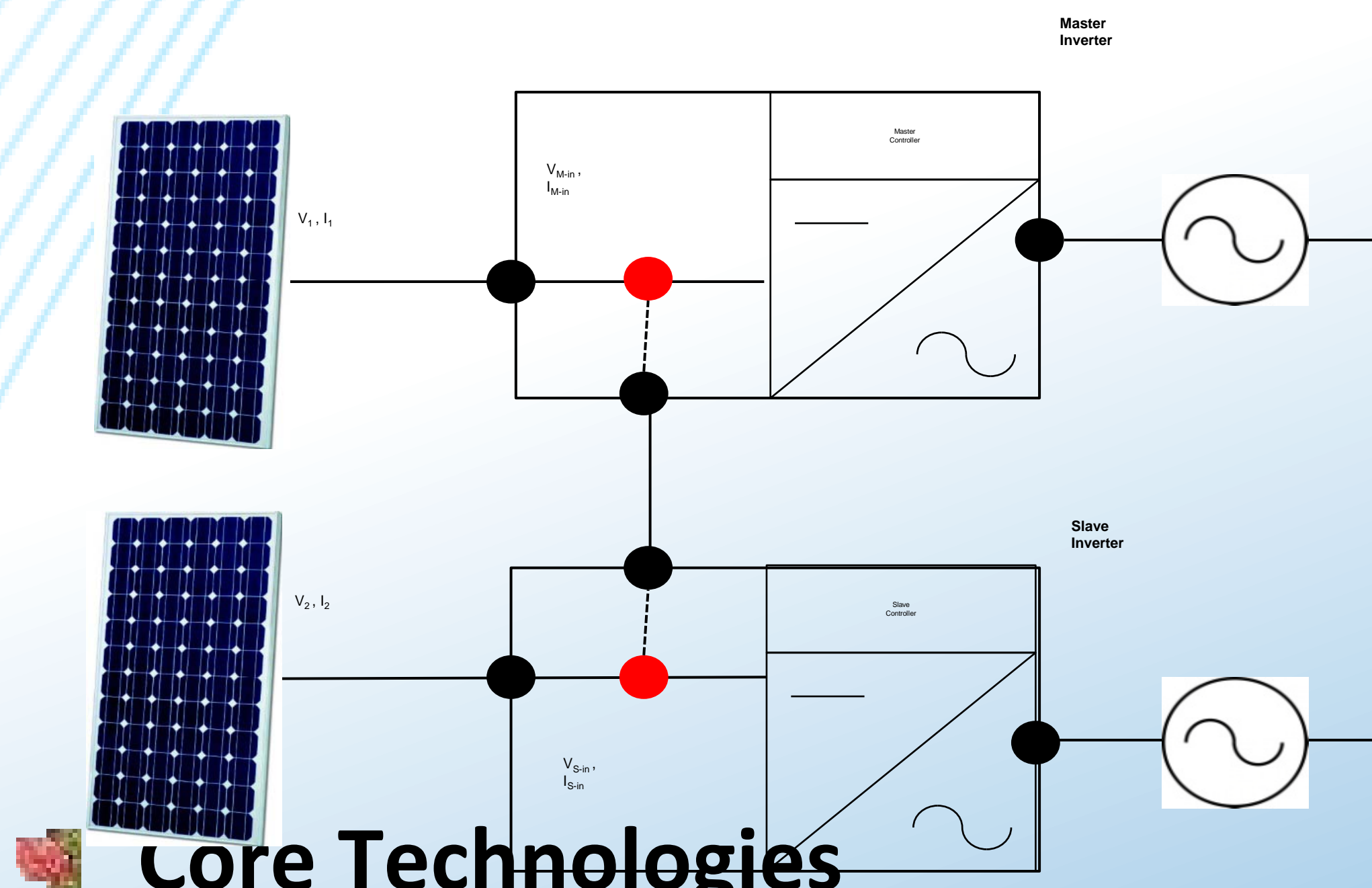


Technology Overview

- Automatic coupled operation enhances the operational efficiency of the module-integrated inverter by extending the operation duration and expanding the maximum efficiency operation period without the communication between two MICs.



Core Technologies

- Master-slave pair
- Automatic switching based on PV module characteristics
- No communication link/module
- No centralized monitoring or control
- The inverter operates solely when the other coupled one is failed (fail isolation)

Application Area and Advantages

- Minimized components requirement: relay, DC-wiring
- Protection from whole system failure
- Independent of inverter efficiency
- Operation efficiency can be improved by ~ 10% (depending on site configuration)

Massive distributed/non-uniform PV



DIY-PV

