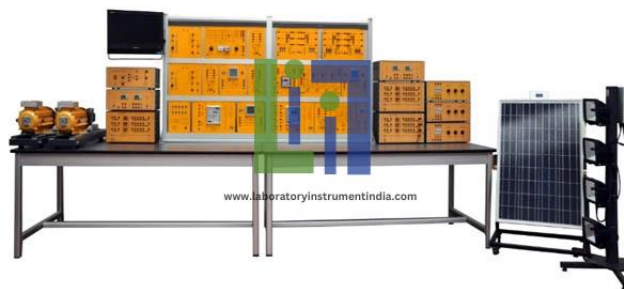




Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Smart Grid

**Product Code :**  
LBNY-0005-18400014



**Description :**

The smart grid knows our requirement of power consumption. When the demand for electricity is at its maximum, the Smart Grid automatically adapts to the demand by picking up excess energy from many sources to avoid overload problems or interruptions of power. The Smart Grid is a system for an "intelligent distribution" of electricity, able to know the consumption of the various end users and to manage the generation and distribution of electricity according to demand. Furthermore, the software that runs the Smart Grid monitors the electrical flow of the system, integrates renewable energy into the network and activates / suspends the industrial or domestic processes during periods when electricity costs less / more. Simply put, if in a given area we have a potential overload of energy, the excess energy can be redistributed to other areas that need it, based on the actual requests from end users. It has, therefore, the function of sharing the electricity that is generated from various sources, both public and private, traditional and renewable, and ensuring that electrical devices use electricity as efficiently as possible.

**Technical Specification :**

Smart Grid



**Laboratory Instrument India**

