



**Figure 23.2** Possible configurations of PV systems

relatively small amounts of electricity can now be powered by photovoltaics to increase productivity and foster economic development.

### 23.3.2 Barriers to PV Implementation

For most urban people around the world, electricity comes into their homes just like magic: it is there, instantly and reliably at the touch of the switch. Few individuals make a conscious connection between their appliances and the electrical pole in the street, so