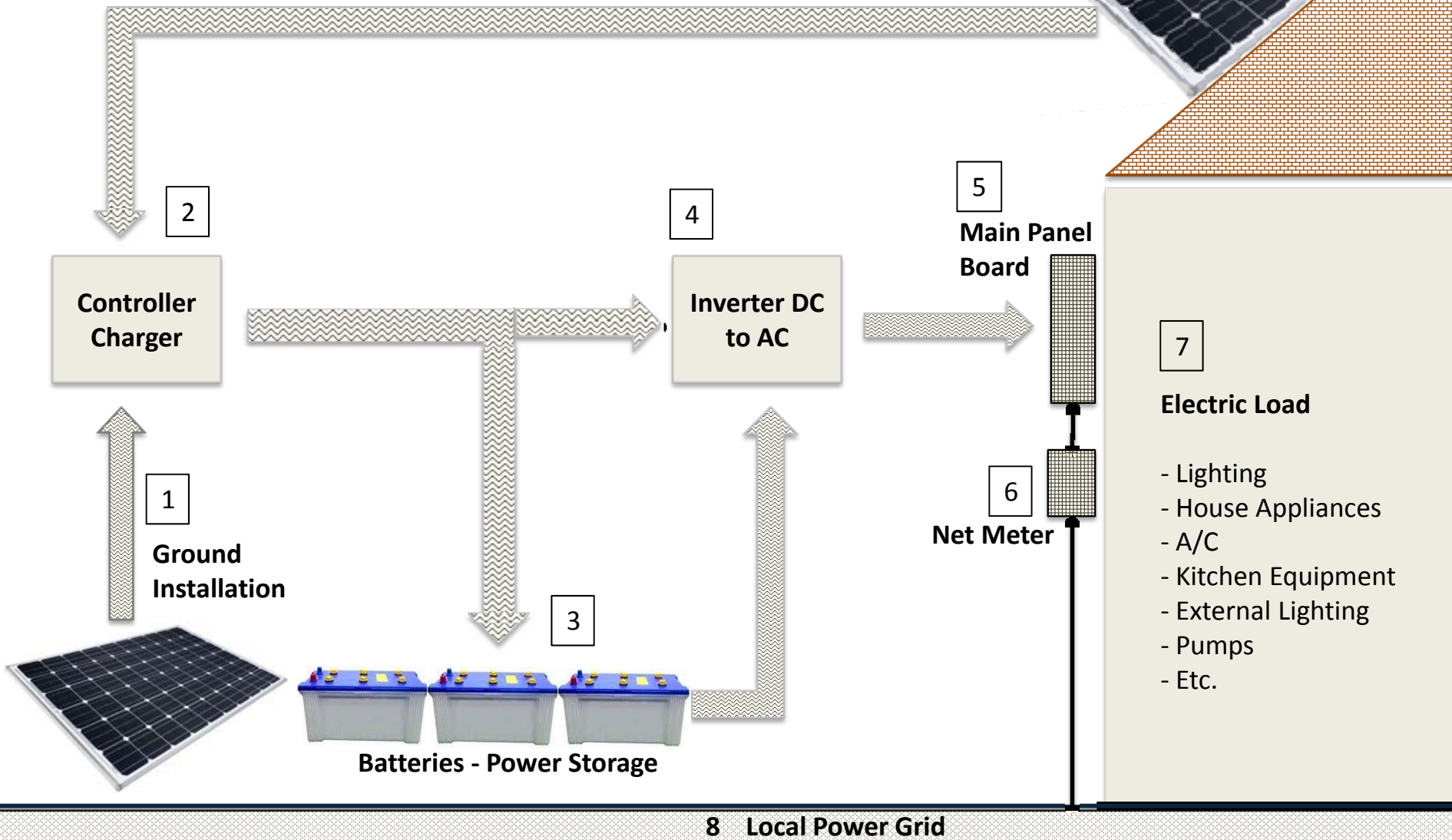
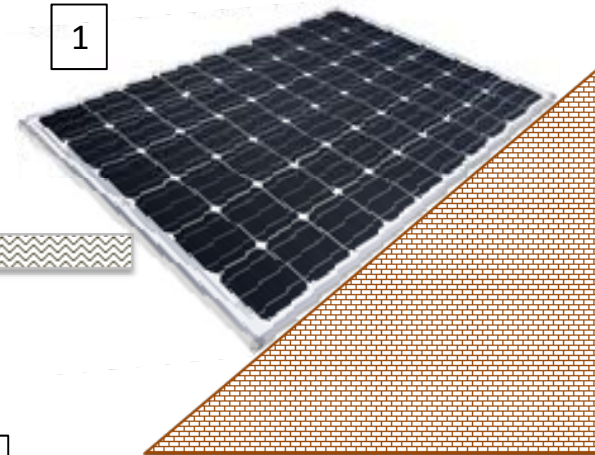


PV SolarKit with Power Storage

Roof or Ground application
Ready for installation and Grid connection
1-2-3-4-6- up to 10 kw

Roof Installation



Power Availability:

- 12 hours from grid
- 6 hours direct from solar collectors
- 6 hours from batteries

**Components:**

1. Solar Modules: Energy Collectors
2. Controller Charger: For charging batteries and feed the inverter with DC power
3. Batteries: Power storage for night use, 6 or 12 hours
4. Inverter: To convert DC power to AC ready for electricity use

Function:

- During Day:
 - Supply electricity to electric load
 - Charging batteries
 - Surplus power supply to the grid
- During Night (grid on): Power supply to load from the grid
- During Night (grid off): Power supply for selected load from batteries (6 or 12 hours)

Relevant Items:

5. Main Panel Board: For power distribution inside the building (by customer)
6. Net Meter: Supplied by the ministry/utility company
7. Electricity Load: By the customer inside the building
8. Local Power Grid: Supply of electricity to feed electric load