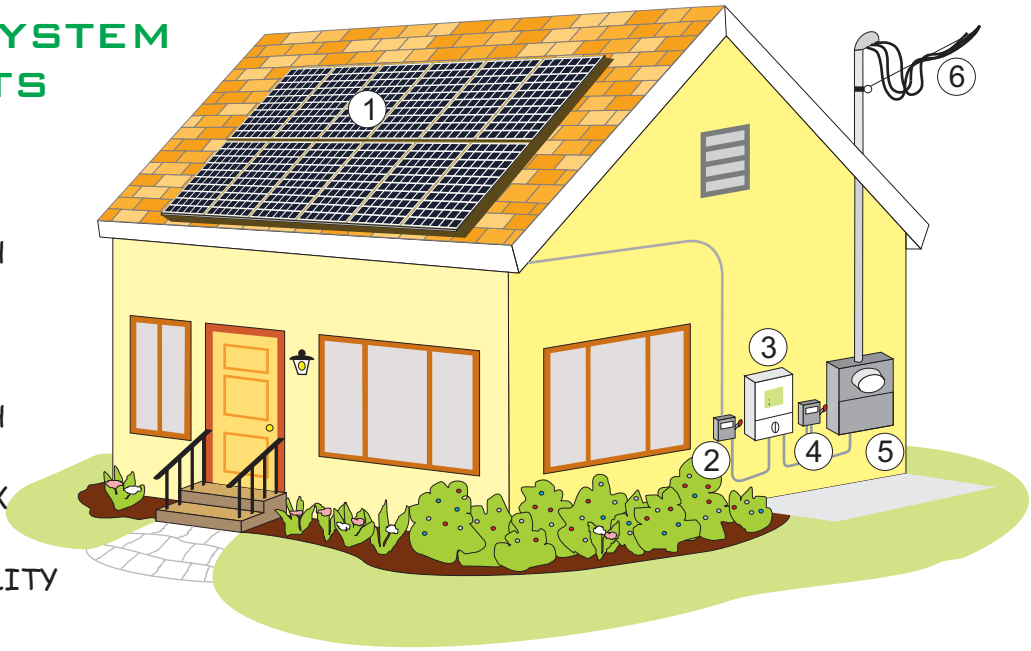
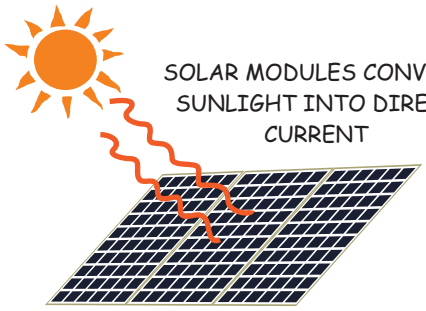
HOW SOLAR WORKS

SOLAR POWER SYSTEM COMPONENTS

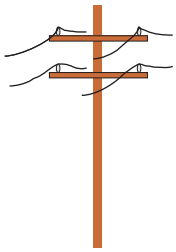
1. ARRAY (MODULES)
2. DC DISCONNECT SWITCH
3. DC TO AC INVERTER
4. AC DISCONNECT SWITCH
5. METER AND BREAKER BOX
6. POWER CABLE FROM UTILITY



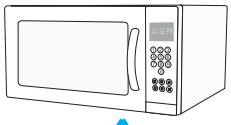


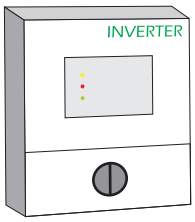
SOLAR MODULES CONVERT SUNLIGHT INTO DIRECT CURRENT

NET METER MEASURES ELECTRICITY. WHEN SOLAR PRODUCES MORE THAN IS USED BY HOUSEHOLD THE METER SPINS BACKWARDS AND USAGE IS REVERSED GETTING CREDIT FROM UTILITY.

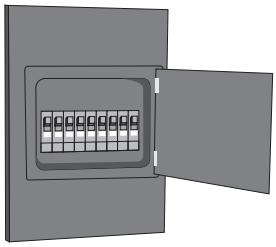


ELECTRICITY POWERS HOUSEHOLD APPLIANCES



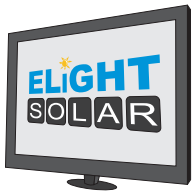


AN INVERTER CONVERTS DIRECT CURRENT TO ALTERNATING CURRENT.

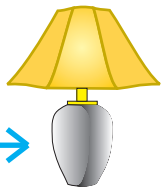


A BREAKER BOX ALSO KNOWN AS DISTRIBUTION PANEL COMBINES ELECTRICITY FROM SOLAR AND POWER COMPANY THEN SENDS IT TO DIFFERENT AREAS OF A HOUSE TO BE UTILIZED BY LIGHTS, APPLIANCES, AND OTHER ELECTRICAL EQUIPMENT.

ELECTRICAL DEVICES



LIGHTS



ELIGHT SOLAR

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