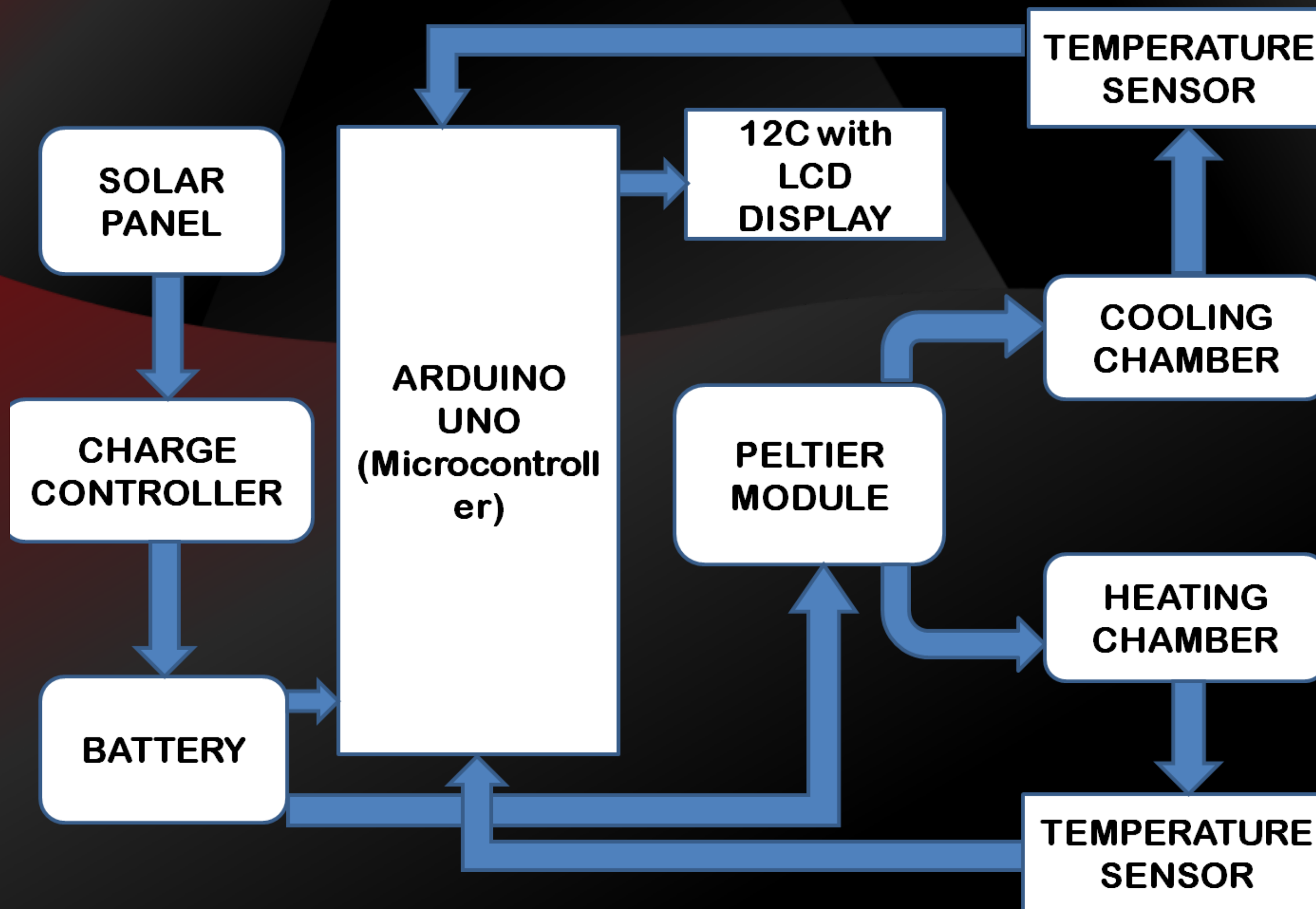


INTRODUCTION

- Conventional air conditioning systems are energy intensive, costly and cause global warming & ozone layer depletion.
- The proposed air conditioning system uses solar power for its operation.
- It uses peltier modules instead of refrigerants.
- Hence, it is energy efficient, cost effective and provides both cooling and heating facility in one system.

PROPOSED METHODOLOGY



INFERENCES

- As we can see in the above references that in the conventional air conditioning systems refrigerants are used for cooling which is harmful to the environment
- Thermoelectric modules are being used which consumes more power .
- Thermoelectric modules provide insufficient cooling in extreme temperatures