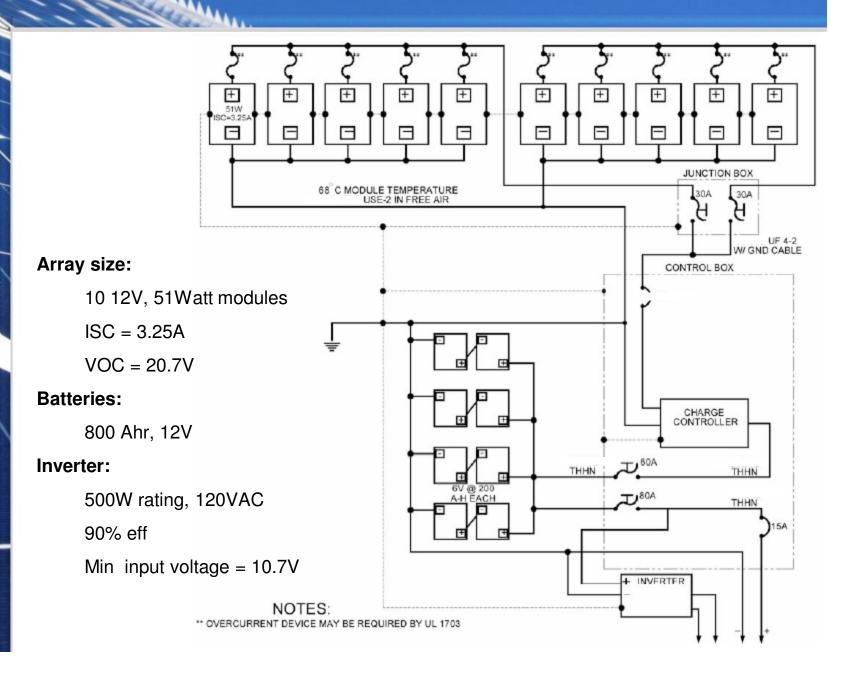
## Cable sizing and over current protection



## Cable sizing and over current protection

## Example 3 (do this as a homework problem):

- Size source circuit conductors for the two sub-arrays (USE-2 rated in free air, 68C ambient)
- Size the combined circuit conductors from junction box (UF conductor directly buried, 40C ambient)
- Size the inverter output conductor
   (THWN in conduit with 4 current carrying conductors, 40C ambient)
- Size the battery to inverter to conductors
   (THHN in free air, 40C ambient temperature)