Power Box Equipment for Summer Only
Enclosure

Solar Charge Controllers

The Solar Charge Controller is responsible to properly charge the batteries when solar energy is available. The GenaSun GV-4 controller, which is used for summer only experiments, is a very efficient charge controller that uses the MPPT (Maximum Power Point Tracking) to maximize the power available at the solar panel, increasing the efficiency by 10 to 30% over traditional solar regulators. It also uses very little power in low or no light conditions.

Related categories: Polar Programs, Power Box, Solar Power, Special Polar Equipment, Summer Only

Source URL: https://www.passcal.nmt.edu/content/polar/equipment/summer-only/power