



MidNite Solar MNBTS Battery Temperature Sensor

MNBTS Battery Temperature sensor



MidNite Solar MNBTS Battery Temperature Sensor - The published ratings of most batteries are made at 77 degrees F (25°C). Mother nature as well as man doesn't always allow the ambient temperature to hover around 25°C while charging batteries. Battery temperature sensors are employed on many sophisticated chargers in order to compensate the charge voltage based on temperature. If you are in an area where the ambient temperature is relatively stable at this temperature, you do not need a BTS (Battery Temp Sensor). If you live in Alaska or in the Sahara desert, you will want a BTS. It will prolong the life of your batteries. The BTS raises the charge voltage when colder than 77 degrees C and decreases the charge voltage above 77 degrees F.