

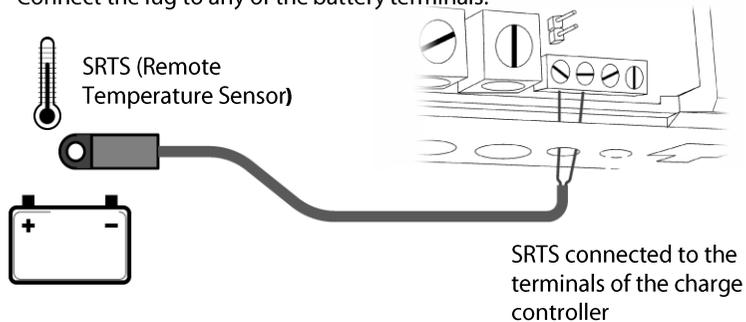


## SRTS-6M

### Remote Temperature Sensor Instruction Sheet

Thank you for purchasing an SRTS-6M, a product of SmartHarvest™ by OutBack Power. The SRTS-6M is a remote temperature sensor used to get an accurate indication of the battery temperature to improve battery charging. When used with compatible SmartHarvest products, it adjusts battery charging thresholds to prolong battery life and reduce service cycles. In higher ambient temperatures, battery charging regulation settings will be automatically reduced to prevent overcharging of the batteries.

1. Connect the SRTS-6M to the designated charge controller terminals.
2. Connect the lug to any of the battery terminals.



For more information on this product, visit [www.smartharvestbyoutback.com](http://www.smartharvestbyoutback.com)

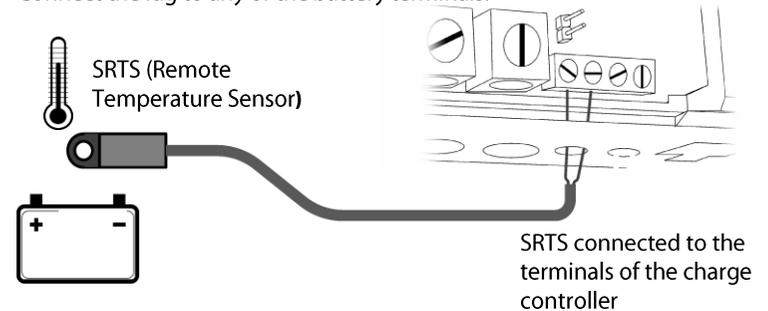


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### Specification

<b>Operating / storage Temperature</b>	-10°C to + 85°C
<b>NTC Resistance at 25°C</b>	10 KΩ ± 1%
<b>Cable</b>	24AWG, 2 core UL-2464
<b>Power dissipation</b>	2mW/°C
<b>Response time</b>	30 seconds max.
<b>Breakdown strength</b>	2.5 KV
<b>Insulation resistance</b>	100 MΩ at 500V DC
<b>Cable length</b>	6 m (20 ft)

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#### Note

When connecting 12V batteries, the SRTS-6M can be connected to any terminal of the battery bank. When connecting two 12V batteries in series for a 24V system, the SRTS-6M must be connected to any of the intermediate terminals instead of the positive or negative terminals of the battery bank. If multiple smaller voltage cells are used to form the battery bank, connect the SRTS-6M to any of the intermediate terminals for approximate battery temperature measurement. SRTS-6M terminals are non-polarized.



Thermometer symbol (  ) illustrates the SRTS-6M connection terminals in all products.

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