



**Bren-Tronics, Inc.**  
Intelligent Military Batteries & Charging Systems™

## TECHNICAL DATASHEET

# BTC-70900S

# Sophie Solar Charger

### Features

- Dedicated single-station charger that will charge the following Li-Ion Sophie batteries:
  - BT-70492 or BT-70492A in 3-6 hours
  - BT-70492BK or BT-70492BE in 3-6 hours
  - BT-70492CK or BT-70492CE in 3-6 hours
  - BT-70900BK or BT-70900BE in 3-6 hours
  - BT-70900CK or BT-70900CE in 3-6 hours
- Powered from 20V-36V DC, 60W (max), 100V-240V AC, 50/60 Hz, or a Solar Panel\*
- Equipped with a two-pin "trailer-hitch" connector
- Simple solution for the user who does not require a bulk or multi-station charger.

\* Input cables and solar panels are not included

### Related Products

- BTP-70822-3G (Solar Panel, 62W, Green)
- BTP-70822-3T (Solar Panel, 62W, Tan)
- BTP-70227-T (Solar Panel, 124W)
- BTA-70671 (24V DC NATO Input)
- BTA-70784 (DC Cable with Alligator Clips)
- 591791-2 (AC/DC Power Supply)
- 591955-1 (AC/DC Converter w/ Trailer Hitch)



### Technical Specifications

National Stock Number	6130-01-609-0344
BT Part Number	BTC-70900S
Dimensions	Charger Cable Length: 6.0 in (152 mm) Width: 4.8 in (121 mm) Height: 2.0 in (51 mm) Length: 9.0 in (229 mm)
Weight	0.75 Lbs (0.34 Kg)
Operating Temperature	-20°C to +50°C (-4°F to +122°F)
Storage Temperature	-40°C to +70°C (-40°F to 158°F)
Material/Color	Modified ABS Plastic/Tan
Disposal	Environmentally Safe – Contains Zero (0)% Mercury or Cadmium

For a complete description of our products refer to Bren-Tronics website at:  
<http://www.bren-tronics.com>



#### United States

10 Brayton Court  
Commack, NY 11725-3197  
Phone: 1-631-499-5155  
Fax: 1-631-499-5504

#### Europe

20 rue Henri Regnault 75014,  
Paris, France  
Phone: +33(0)1-40-59-8051  
Fax: +33(0)1-45-41-5816

#### United Kingdom

Brunel House, Volunteer Way  
Faringdon, Oxfordshire SN7 7YR  
United Kingdom  
Phone: +44-1367-246027  
Fax: +44-1367-246041