



















Testing and
Certification
Laboratory

BATTERY, RECHARGEABLE, BB-2590/U
LITHIUM ION (LI-ION), SEALED

24V, 9.9Ah AT 2A
P/N BT-70791CG



BREN-TRONICS, INC. COMMACK, NY (51828)

MFG DATE (MMYY): 0819 S/N: 17618
WWW.BREN-TRONICS.COM



CE

CHARGING INSTRUCTIONS

PREFERRED METHOD:

1. SOLDIER PORTABLE CHARGER, PP-8498/U,
6130-01-495-2839 + ADAPTER J-6358B/P, 5940-01-501-3312.
2. SPC LITE, BTC-70819 + ADAPTER J-6358B/P, 5940-01-501-3312.
3. VEHICLE MOUNTED CHARGER, PP-8481B/U, 6130-01-527-2726.
4. VMC LITE, BTC-70870 + ADAPTER J-6581/U, 5940-01-494-7116.

ALTERNATE METHOD:

CHARGE EACH 12V SECTION INDEPENDENTLY AT 16.5V
CONSTANT VOLTAGE (3A MAX). CHARGE IS COMPLETE
WHEN CURRENT DROPS TO 100mA. TO ALLOW CHARGING TO
PROCEED, SEPARATELY APPLY 5V THROUGH A 470 OHM,
1/4W RESISTOR BETWEEN THE "CHARGE ENABLE" CONTACT (+)
AND PIN 6 OF THE MAIN CONNECTOR (-). CHARGING TEMPERATURES
SHOULD BE BETWEEN 40°F (5°C) AND 100°F (38°C). LOWER
TEMPERATURE CHARGING IS PERMITTED, BUT MAY RESULT IN
LOWER EQUIPMENT RUN TIMES.

UN/DOT 38.3. RATING: 294Wh

STANLEY
METRIC
4-52530

GRADUATIONS

PAT. NO. 4,200,930

NOTICE

THIS BATTERY CONTAINS TWO INDEPENDENT 12V SECTIONS. AFTER CHARGING ON AN APPROVED CHARGER, THE TWO STATE OF CHARGE (SOC) INDICATORS SHOULD HAVE ALL FIVE SEGMENTS DISPLAYED FOR THE BATTERY TO BE FULLY CHARGED. IF LESS THAN FIVE SEGMENTS ARE SHOWN ON EITHER SOC INDICATOR, THE BATTERY CAN BE RECHARGED TO ACHIEVE A 100% CHARGE.

SEGMENTS

0
1
2
3
4
5

STATE OF CHARGE

0% (FULLY DISCHARGED)
1 TO 20%
21 TO 40%
41 TO 60%
61 TO 80%
81 TO 100% (FULLY CHARGED)

THE BATTERY HAS A SELF-DISCHARGE RATE OF ABOUT 5% PER MONTH. THUS, ENSURE A FRESH CHARGE PRIOR TO ALL MISSIONS!

WARNING

DO NOT STORE ABOVE 122°F (50°C). CRUSH, MUTILATE, REVERSE POLARITY, DISASSEMBLE OR DISPOSE OF IN FIRE.

PROTECTED BY ONE OR MORE U.S. PATENTS. SEE: www.bren-tronics.com/patents









