



ADVENT

Technologies, LLC

Honey Badger™ & UltraCell™ Fuel Cells

BB2590/U Interface Cap

PN: ACA0044

BB2590 - HIGH CAPACITY INTERFACE FOR DEMANDING POWER APPLICATIONS

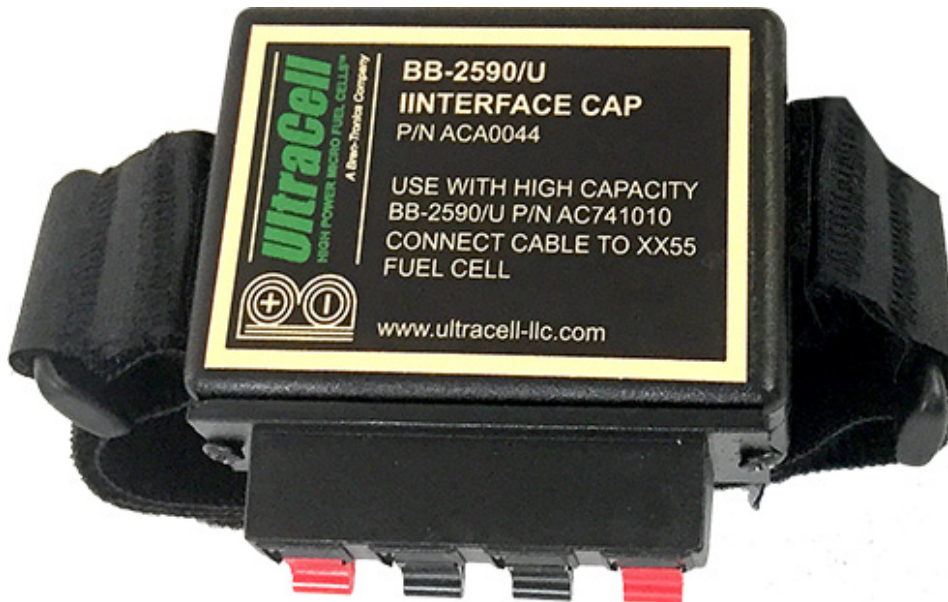
OVERVIEW

Easily connect the Ultracell XX55 fuel cell to a Bren-Tronics BB-2590/U battery (highest capacity model BT-70791CG). The BB-2590/U interface cap includes “integrated charge enable” to allow the battery to operate in pass through mode: pull power off the battery while using the fuel cell to keep the battery charged. Easy to use spring clip (speaker) connectors allow for rapid installation in sheltered locations.

ELECTRICAL

INPUT: Cap connects to BB-2590/U battery and cable connects to XX55 FUEL CELL (16.8VDC)

OUTPUT: 12-16.8VDC, 20A MAX. Steady state power is 50W based on fuel cell.



PHYSICAL SPECIFICATIONS

DIMENSIONS

2" x 2" x 3" with 18" cable

ENVIRONMENTAL REQUIREMENTS

AMBIENT TEMPERATURE

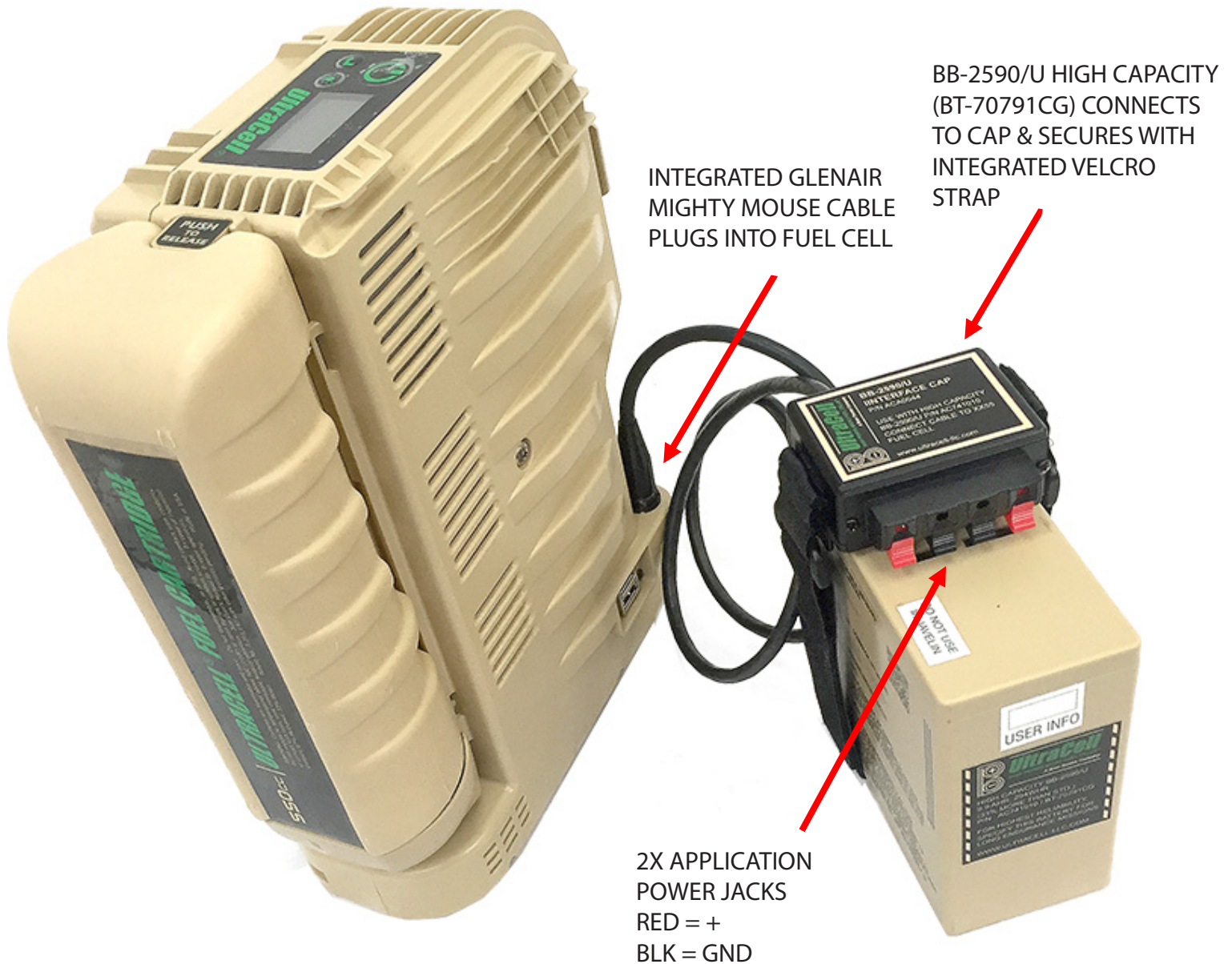
-4°F to +122°F (-20°C to +50°C)

AMBIENT HUMIDITY

95% non-condensing

BB2590/U Interface Cap

CONNECTED TO XX55 FUEL CELL



ADVENT TECHNOLOGIES, LLC

5637 La Ribera Street Suite A Livermore CA 94550 USA

Tel: (925) 455-9400 Fax: (925) 455-7750

www.ultracell-llc.com sales@ultracell-llc.com