

# BB2590/U Interface Cap

PN: ACA0044

## BB2590 - HIGH CAPACITY INTERFACE FOR DEMANDING POWER APPLICATIONS

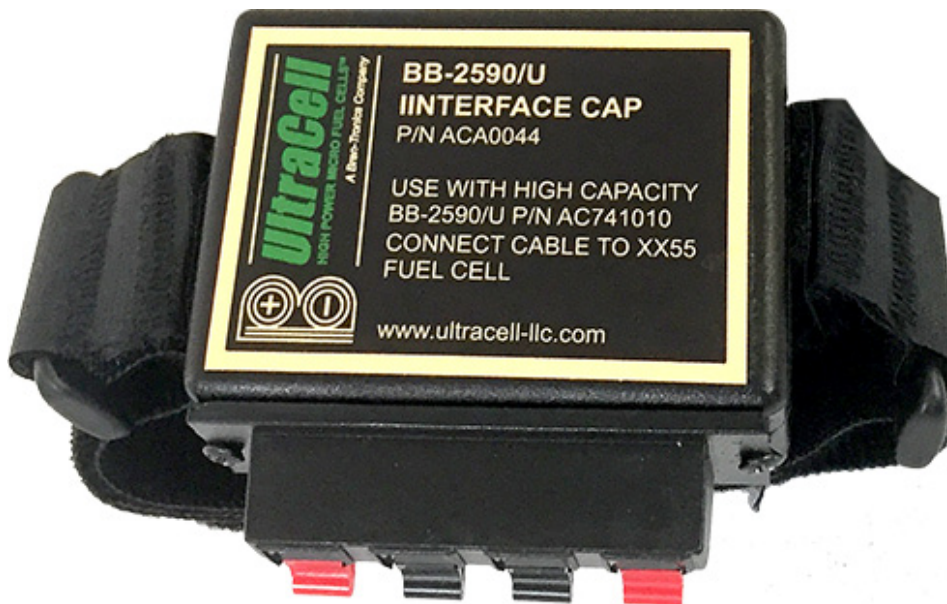
### OVERVIEW

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

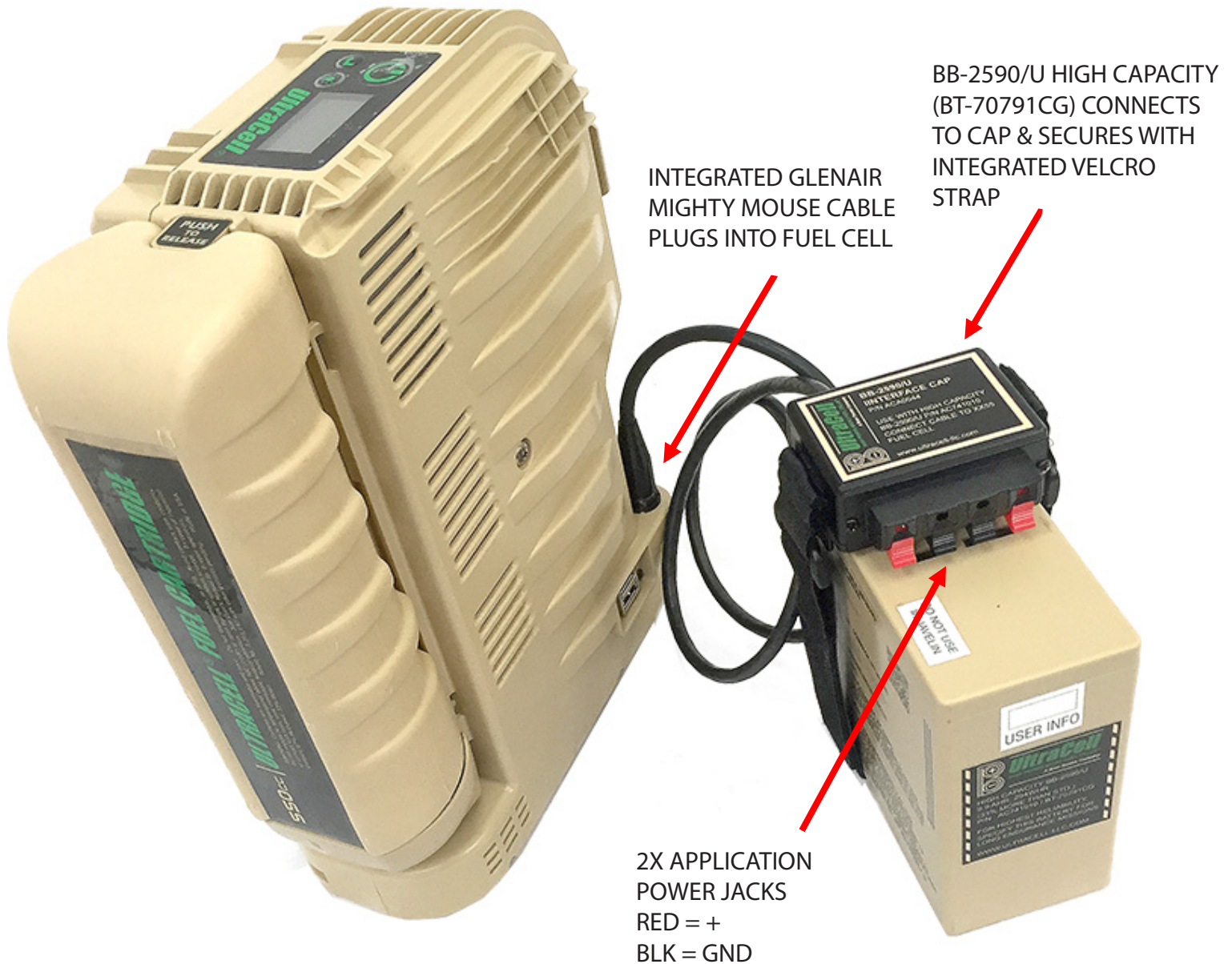
DIMENSIONS 2" x 2" x 3" with 18" cable

### ENVIRONMENTAL REQUIREMENTS

AMBIENT TEMPERATURE -4°F to +122°F (-20°C to +50°C)  
AMBIENT HUMIDITY 95% non-condensing

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## CONNECTED TO XX55 FUEL CELL



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