



**ADVENT**

Technologies, LLC

Honey Badger™ & UltraCell™ Fuel Cells



**GearUp!™**

MADE IN THE USA

**GearUp!™**

PN: SY011022 (w/options)

# EXECUTIVE BATTERY OPTIMIZED POWER AIRLINE COMPLIANT HIGH ENERGY UPS FOR EXECUTIVE INTERNATIONAL TRAVEL

## OVERVIEW

While on international travel, Executive Communications Teams (ECT) requires air travel compatible high energy UPS for backup comms power - up to 392Whr. Designed for the Road Warrior!

- ❖ Take your UPS power system ANYWHERE. GearUp!™ meets airline carryon requirements for size & safety and fits the standard airlines personal baggage allowance.
- ❖ Carryon luggage capable with IATA friendly batteries from Bren-Tronics.
- ❖ Up to qty 4 MIL-STD BB-2557 batteries provide UPS power. 98Whr BT-70757BV, below IATA limits on carryon luggage for Li-Ion batteries
- ❖ Use in parallel with mains for UPS operation - uninterruptible! Run comms in vehicles or using solar power and maintain comms during brownouts or grid instability.



## ELECTRICAL

**INPUTS** AC 88-265VAC 50-60hz  
 DC 10-36VDC [Cigarette lighter NATO Slave]  
 Foldable Solar Blankets  
**OUTPUTS** AC 120VAC 60hz 250W  
 AC 240VAC = PN SY011022-2  
 15VDC 10A (battery bus)  
 28VDC 5A  
 135VDC 2.5A (high efficiency comms)  
 w/o 135VDC = PN SY011022-1  
**POE** POE (48VDC, 350mA) & data jacks  
 IEEE 802.3af/at Type 1  
**USB** 2X 5V 3.1A  
**CHARGE TIME** 6hr  
**CONTAINER** Powder Coated Aluminum, Ballistic Corners  
 Conformal Coated PCB  
**COLOR** Army Tan

## ENVIRONMENTAL REQUIREMENTS

**OPERATING TEMP** 32°F to +104°F  
 0°C to +40°C  
**STORAGE TEMP** -40°F to +140°F  
 -40°C to +60°C

## ACCESSORIES

### Part Number

DC Input	ACA0063
SATCOMMS	ACA0064
28VDC - BB-2590, BA-5590 Receptacle	ACA0065 High-Capacity Gear Up
BATTERY, Li ION, BB-2557, 99wh	ACA0066
DUAL 15VDC/28VDC, PIGTAILS	ACA0088
SOLAR PANEL W/MPPT, GEARUP! 60W	ACA0089



## PART OPTIONS

PN	Option	Batteries Qty 4	Dimensions	Weight	Charge Time
SY011022	BASE SYSTEM	MIL STD 2557 BT-70757BV	15" x 9" x 2.9" 38cm x 23cm x 7.4cm	11lb w/o Batteries 15.8lb w/4 Batteries	6hr
SY011022-1	W/O 135VDC	MIL STD 2557 BT-70757BV	15" x 9" x 2.9" 38cm x 23cm x 7.4cm	11lb w/o Batteries 15.8lb w/4 Batteries	6hr
SY011022-1-1	W/O 135VDC C14 AC INPUT	MIL STD 2557 BT-70757BV	15" x 9" x 2.9" 38cm x 23cm x 7.4cm	11lb w/o Batteries 15.8lb w/4 Batteries	6hr
SY011022-2	AC 240VAC	MIL STD 2557 BT-70757BV	15" x 9" x 2.9" 38cm x 23cm x 7.4cm	11lb w/o Batteries 15.8lb w/4 Batteries	6hr
SY011022-3	HIGH CAPACITY	MIL STD 2590 BT-70791BV	15.5" x 9" x 4.1" 39.3cm x 23cm x 10.4cm	11lb w/o Batteries 23.8lb w/4 Batteries	9hr

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