

# Carry-On Power Case™

Powering Autonomy in Any Environment



RUGGED | RELIABLE | PORTABLE | POWER



The Carry-On Power Case™ lets you instantly operate your critical equipment wherever the mission takes you.



Example shown above:  
Mercury's RESmini XR6, a Data Center in a Briefcase

## Features:

- Up to 300W Continuous Power
- Global AC & DC Input/Output Power
- Large Electronics Bay for End-User Equipment
- Water Resistant & Dust Proof (IP67 Case)
- Designed to Meet MIL-Standards
- FAA Compliant
- Compatible With Dual Hot Swappable Batteries for Extended Run-Time

## Essential For:

- Austere Military Operations
- First Responders
- Emergency Medical Care

# Carry-On Power Case™



## Powering Autonomy in Any Environment

Fully integrated within the carrying-case, providing power to computer, communication and other electronics devices. Versatile options allow each Carry-On Power Case™ to be configured to meet the exact Portable Application.



Example shown above:  
Mercury's RESmini XR6, a Data Center in a Briefcase



Example shown above: COB300UEX24

### SPECIFICATIONS

Outside dimensions : 9" x 14" x 22"

Wheels and retractable handle

Weight: 37.5 lbs. including the Case, Power System and internal batteries

Operating Temperature: -20°C\* to 50°C\*

Storage Temperature: -40°C to 70°C\*

\*Note: Some derating at min and max temperature, consult Acumentrics.

### WARRANTY

1 year

### SAFETY/COMPLIANCE:

Designed to meet:

UL62368

UL60950

FCC class A

MIL-810 shock and vibration

IP67 when case closed

UN-DOT 38.3

FAA Compliant - Fits in commercial flight overhead compartment. (Internal battery is FAA compliant.)

### AUTONOMOUS RUN TIME AND BATTERY PACKS OPTIONS:

Typical run-time of 100 minutes with an average total load of 85W using the internal LFP (LiFePO4) Battery

-Optional BB2590/BB3590 Batteries for extended run-time

-The hot-swap feature allows battery change-out and maintenance without load interruption.

### USER CONFIGURABLE ELECTRONICS BAY:

A 4" X 11" x 14" Space is available for the application's electronics and other devices.

**OUTPUT POWER:** DC Output: 300 W, 24 VDC Nominal (20-29 VDC)

**AC OUTPUT:** OPTIONAL

**TRUE WORLDWIDE INPUT POWER™**

AC INPUT: Accepts global voltages and frequencies 100-240 VAC, 47-400Hz

DC INPUT: (10 - 30 VDC) input for commercial and military vehicles along with solar charging.

**SOC MONITORING:** An indicator SOC (State of Charge) for recharging the internal batteries.

**FAIL SAFE BATTERY DISCONNECT:** Ensures that the batteries are disconnected during transport

For ordering information as well as other configurations, please visit  
[www.acumentrics.com](http://www.acumentrics.com) or call (617) 932-7877