

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

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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.



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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 or call (617) 932-7877