C³-S.P.E.A.R.
Climate-Controlled Campus Self-Propelled Electronic Adaptable Rack

The C³-S.P.E.A.R. is a 24U, NEMA 12 or optional NEMA 4 Micro-Modular Data Center™ that provides from 2.5 kW or 6.0 kW of closed loop cooling directly to the industry’s latest high-density equipment with no need for costly infrastructure.

The mobile platform allows one person to move up to 1,000 pounds of electronic equipment at the push of a button. The relocatable platform can be moved with a pallet jack. The enclosure also is available in a ruggedized outdoor platform to deliver high performance computing in remote and nonstandard locations throughout the world.

The compact and affordable C³-S.P.E.A.R. provides the perfect platform for businesses and government agencies that require a quick and cost-effective turnkey data storage solution or co-location alternative.
Technical Specifications: - Mobile

Dimensions ........................................ 60” tall x 24” wide x 66” long*
Weight .............................................. 800 lbs*
Dynamic Load Capacity .......................... 1,000 lbs*
Mobility Range .................................... 2.6 mph
Operational Temperature ....................... 0˚ to 120˚F*
Internal Storage Capacity ....................... 24U
Total Cooling Capacity ......................... 2.5 kW/8,000 BTU Single A/C Standard
6 kW/20,000 BTU Dual A/C Optional
* depending upon upgrade options selected

Technical Specifications: - Ruggedized

Dimensions ........................................ 60.5” tall x 31” wide x 66” long*
Weight .............................................. 900 lbs*
Dynamic Load Capacity .......................... 1,000 lbs*
Mobility Range .................................... 10 miles*
Speed ............................................... 2.6 mph
Operational Temperature ....................... 0˚ to 120˚F*
Internal Storage Capacity ....................... 24U
Total Cooling Capacity ......................... 2.5 kW/8,000 BTU Single A/C Standard
6 kW/20,000 BTU Dual A/C Optional
* depending upon upgrade options selected

Technical Specifications: - NEMA 4 Dual Cooling

Dimensions ........................................ 78” tall x 24” wide x 66” long*
Weight .............................................. 950 lbs*
Dynamic Load Capacity .......................... 1,000 lbs*
Mobility Range .................................... 10 miles*
Speed ............................................... 2.6 mph
Operational Temperature ....................... 0˚ to 120˚F*
Internal Storage Capacity ....................... 24U
Total Cooling Capacity ......................... 6 kW/20,000 BTU A/C Standard
* depending upon upgrade options selected

Technical Specifications: - Relocatable

Dimensions ........................................ 50” tall x 24” wide x 66” long*
Weight .............................................. 650-700 lbs*
Dynamic Load Capacity .......................... 1,000 lbs*
Operational Temperature ....................... 0˚ to 120˚F*
Internal Storage Capacity ....................... 24U
Total Cooling Capacity ......................... 2.5 kW/8,000 BTU Single A/C Standard
6 kW Dual/20,000 BTU Dual A/C Optional
* depending upon upgrade options selected

Elliptical Mobile Solutions, LLC
The Global Leader in Micro-Modular Data Centers™
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Product Features
- NEMA 12 environmental package with NEMA 4 option
- Optional EMI Shielding
- Welded steel inner frame conforms to industry standard 19” x 42” racks that are fully adjustable for depth
- A/C Power Options – Standard – 208 – 240 VAC 50/60 Hz or Optional 120 VAC
- Air temperature can be controlled by a 2.5 kW single or 6.0 kW dual closed loop A/C units
- Power assisted platform allows one person to move up to 1,000 lbs of rack-mounted equipment up a 6% grade; relocatable platform can be moved with a pallet jack
- Sound dampening (72 dB = indoor conversation)
- Tamperproof CyberLock security system with programmable electronic lock, multi-tier security and audit trail.

Optional Upgrades
- Self-contained I/O patch panel
- Water heat exchanger
- Ruggedized platform
- Active fire suppression with Novec 1230
- Second top-mounted A/C
- Aerogel 16R nano-particle insulation