

smc PLATINUM™ SERVER CABINET

Designed with today's servers in mind

e-Systems Group | EDP SMC

Platinum Server Cabinet addresses the complexity of today's data center management challenges. The Platinum SER Cabinet meets or exceeds all third part 19" EIA 310-D Cabinet requirements for power, cabling, and ventilation. This feature rich, flexibly design.



Platinum Server Cabinet



PDU



Bottom Panel



Structural Frame

Key Performance Features

Convenience

Installation Height: Standard 79" height fits through standard doors without tilting.

Door Hinges: Standard concealed hinges

Numbered "U" Positions: Labeled "U" positions on rack mount rails simplify the installation of rack mounted devices.

Numbered Rails: Front-to-rear rails labeled in inches make adjusting the rear rails simple.

Extra Depth: 6" deep corner posts maximize power and cable management, while allowing easy access from the interior.

Shipment: Units ship fully assembled, reducing installation time.

Protection

Security: Field upgrades to **Secure** or **Smart** Technology provide keypad entry and remote monitoring when security is a must.

Locking: Doors and end panels feature anti-pick, tubular locks, preventing surreptitious entry.

Structural Stability: A proven frame design, welded heavy gauge front-to-rear rails and heavy-duty steel casters provide 2000 lb. static and dynamic ratings.

Temperature Display: Optional temperature display provides easy to read monitoring of interior temperature (affixed to door).

Warranty: A limited lifetime warranty applies.

Serviceability

End Panels: Quick release end panels allow fast and easy access to the interior.

Base Plate: Optional removable base plate offers a large opening for easy access, ventilation or extra storage.

Leveling Feet: Easy access leveling feet provide fast adjustment with or without servers installed.

Reversible Doors: Door opening direction can be reversed on location as swing requirements change.

Top Plate: Modular design allows for numerous applications for cooling and cabling solutions.

Flexibility

Versatile: This model is available in both 42U and 44U configurations to meet most popular configuration needs. (36" and 42" depths)

Expandable: Platinum Server accepts an additional 6" power and cable management frame which provides exceptional cable management and power expansion depth.

Copper or Fiber Cable Access: Multiple cable openings and troughs throughout, combined with optional fiber optic grommets, offer versatility in cable management and access where it's really needed.

Scalability: The uniquely designed corner post attachment allows ganging from the interior, simplifying row expansion.

Ventilation: Optional top mounted or rear door fans provide options when choosing the correct ventilation solution.

Data Center Solutions

www.dcsolutions.e-systemsgroup.com

800.432.1337

Specifications

- Exceeds all third party 19" EIA 310-D cabinet requirements for power, cabling, and ventilation.
- Front to back compatible with existing Platinum frames and components
- Smart Technology option compatible
- All steel construction fabricated from 12 & 14 Ga CRS
- (4) Leveling feet
- Built in caster mounting brackets to accommodate optional castors
- Maximum load capacity is 2000 lbs with leveling feet
- Open base design
- Open top design
- Reinforced base plate to accommodate optional Seismic mounting ability
- Welded-in front to rear rail mounting adjustment mechanisms
- Front-to-Rear rails are numbered in one-inch increments
- Zero "U" side mounted (outside the front to rear rail brackets) cable management and power management options up to 1.75" thickness.
- 6" x 2 1/2" (36" and 42" frames) rear power and or cable management channel outside of the "U" pocket
- Doors can be mounted to swing left or right and can be retrofitted in the field without any special tools.
- Front door is of welded frame construction and comes with Mesh that provides 63% open area of ventilation
- Concealed door hinges are standard
- Rear door is of welded frame construction and comes with mesh the provides 80% open area of ventilation
- 180 degree open door hinges standard on rear door
- Cam locks on doors standard
- Supports cooling solutions
- Ships fully assembled

Popular Options

- Rails (Sq Cage Nut, Tapped, Markings, etc.)
- Modular bases and modular tops
- Cable management components
- Power features
- Side panels
- Extension frame for 36" and 42" frames
- Grounding units



Data Center Solutions: Enclosures, Technology + Services

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