Litech®

Rack System Solution



AB Series Heavy Duty Data Center Racks

Litech®



Litech, a renowned technology company, has emerged as a key player in the data center infrastructure market with its innovative solutions. With over 20 years of experience in IT racking manufacturing, LItech has engineered the next generation AB Series Rack that offers an innovative enclosure system that integrates high load, high efficient cooling , flexible and fast deployment for power hungry, high density application in data centers.

Features

1 Excellent Rack Cooling Efficiency

- Peforated door for optimal air flow > 75%
- Ventilated front and rear doors

2 Best-in-class design

- Offers most standard features to facilitate installation and speed of deployment.
- Integrates seamlessly with the full line of Litech rack accessories

3 Enchanced Static Load

- Strong and durable vertical and horizontal frame profile
- Static load > 1600 kgs

4 Greatest flexibility

- Available in a wide range of heights, widths, and depths to meet a variety of data center and edge computing applications.
- Highly customizable with inhouse R&D and production

5 Superior cable management capabilities

- Accommodates high-density networking applications.
- Easy installation to enable faster and easier moves, adds, and changes.
- Easy roof removal with two spring loaded pins allow removal of roof with cable installed
- bundles of cable and the openings are covered with brush strips for air containment
- Plastic Finger-style vertical cable managers preinstalled for 800mm width rack
- Customized cable entry slots
- Open bottom for unobstructed under-floor access
- Optional overhead cable trough system



6 Rapid Tooless rPDU installation

- Support tooless installation of Litech Vertical Zero-U rPDUs at the rear

7 Preinstalled leveling feet and casters

- Easily adjustable leveling from top-down

8 Easily adjustable vertical mounting rails

- Simple screw engagement
- Pre-threaded holes
- Easy alignment for quick adjustment

9 Half-height side pan

- Easy and safe handling
- Quick release lockable latch
- Enclosure width remains the same with or without sides attached

10 Fully grounded

- Doors, sides, roof, and rails are bonded to frame

11 Marked U numbers

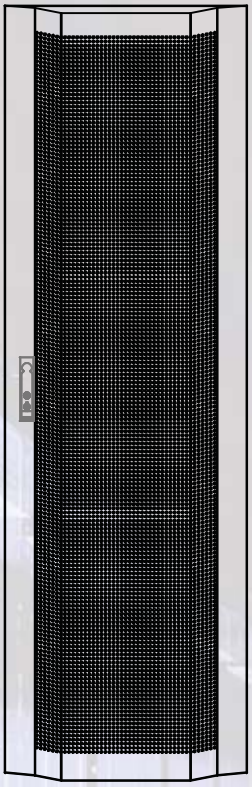
- U numbers marking on mounting rails for ease of installtion works



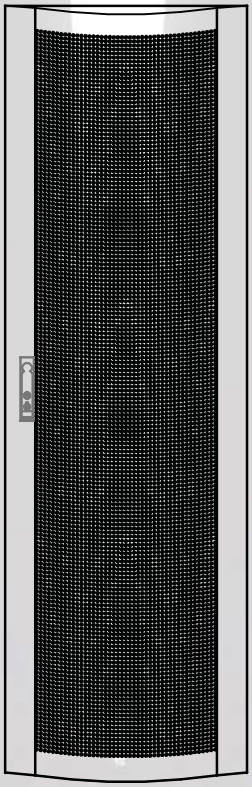
Product Specification

Item	Description
Material	Cold Roll Steel
Finishing	Thermoset Epoxy Powder Coating
Frame	Vertical Frame 2.0mm thicknes
Static Load	1600 kg
Colour	RAL 9005 (Black) or any other customized colour
Compliance	EIA-310-D, IEC 60297-2

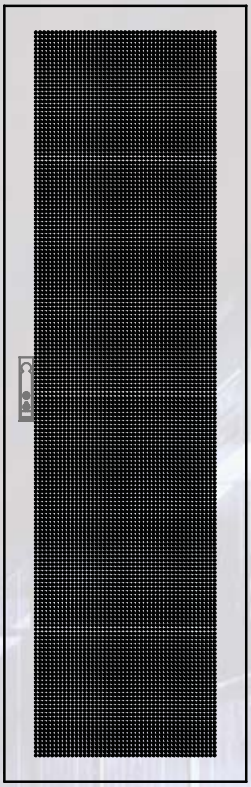
Door Options



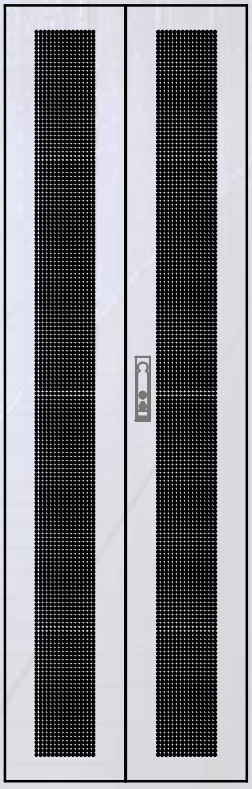
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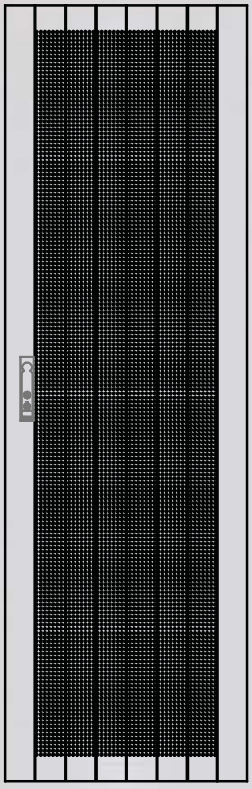
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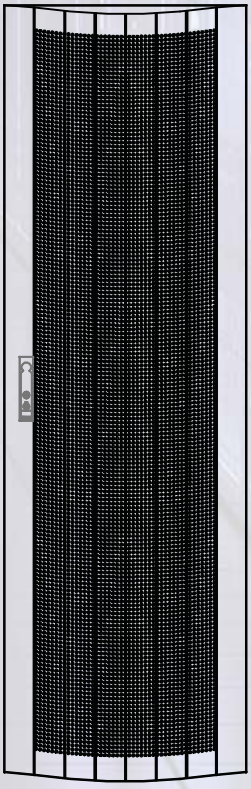
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Ordering Information



Litech SKU	U Height	Width (mm)	Depth (mm)	Static Load	Colour
LTRI-AB-APSX-366080-B	36U	600	800	1600kg	Blade
LTRI-AB-APSX-366010-B	36U	600	1000	1600kg	Blade
LTRI-AB-APSX-366011-B	36U	600	1100	1600kg	Blade
LTRI-AB-APSX-366012-B	36U	600	1200	1600kg	Black
LTRI-AB-APSX-368080-B	36U	800	800	1600kg	Blade
LTRI-AB-APSX-368010-B	36U	800	1000	1600kg	Black
LTRI-AB-APSX-368011-B	36U	800	1100	1600kg	Black
LTRI-AB-APSX-368012-B	36U	800	1200	1600kg	Black
LTRI-AB-APSX-426080-B	42U	600	800	1600kg	Blade
LTRI-AB-APSX-426010-B	42U	600	1000	1600kg	Blade
LTRI-AB-APSX-426011-B	42U	600	1100	1600kg	Blade
LTRI-AB-APSX-426012-B	42U	600	1200	1600kg	Black
LTRI-AB-APSX-428080-B	42U	800	800	1600kg	Blade
LTRI-AB-APSX-428010-B	42U	800	1000	1600kg	Black
LTRI-AB-APSX-428011-B	42U	800	1100	1600kg	Black
LTRI-AB-APSX-428012-B	42U	800	1200	1600kg	Black
LTRI-AB-APSX-456080-B	45U	600	800	1600kg	Blade
LTRI-AB-APSX-456010-B	45U	600	1000	1600kg	Blade
LTRI-AB-APSX-456011-B	45U	600	1100	1600kg	Blade
LTRI-AB-APSX-456012-B	45U	600	1200	1600kg	Black
LTRI-AB-APSX-458080-B	45U	800	800	1600kg	Blade
LTRI-AB-APSX-458010-B	45U	800	1000	1600kg	Black
LTRI-AB-APSX-458011-B	45U	800	1100	1600kg	Black
LTRI-AB-APSX-458012-B	45U	800	1200	1600kg	Black
LTRI-AB-APSX-476080-B	47U	600	800	1600kg	Blade
LTRI-AB-APSX-476010-B	47U	600	1000	1600kg	Blade
LTRI-AB-APSX-476011-B	47U	600	1100	1600kg	Blade
LTRI-AB-APSX-476012-B	47U	600	1200	1600kg	Black
LTRI-AB-APSX-478080-B	47U	800	800	1600kg	Blade
LTRI-AB-APSX-478010-B	47U	800	1000	1600kg	Black
LTRI-AB-APSX-478011-B	47U	800	1100	1600kg	Black
LTRI-AB-APSX-478012-B	47U	800	1200	1600kg	Black
LTRI-AB-APSX-486080-B	48U	600	800	1600kg	Blade
LTRI-AB-APSX-486010-B	48U	600	1000	1600kg	Blade
LTRI-AB-APSX-486011-B	48U	600	1100	1600kg	Blade
LTRI-AB-APSX-486012-B	48U	600	1200	1600kg	Black
LTRI-AB-APSX-488080-B	48U	800	800	1600kg	Blade
LTRI-AB-APSX-488010-B	48U	800	1000	1600kg	Black
LTRI-AB-APSX-488011-B	48U	800	1100	1600kg	Black
LTRI-AB-APSX-488012-B	48U	800	1200	1600kg	Black
LTRI-AB-APSX-526080-B	52U	600	800	1600kg	Blade
LTRI-AB-APSX-526010-B	52U	600	1000	1600kg	Blade
LTRI-AB-APSX-526011-B	52U	600	1100	1600kg	Blade
LTRI-AB-APSX-526012-B	52U	600	1200	1600kg	Black
LTRI-AB-APSX-528080-B	52U	800	800	1600kg	Blade
LTRI-AB-APSX-528010-B	52U	800	1000	1600kg	Black
LTRI-AB-APSX-528011-B	52U	800	1100	1600kg	Black
LTRI-AB-APSX-528012-B	52U	800	1200	1600kg	Black