Overview

FMOD Series, General Electronics Floor mount Racks for Outdoor Application and Designed to meet IP56 with Fan & IP66 without Fan (Ingress protection) requirement. Racks manufactured out of Galvanized steel sheet punched, formed, welded and to withstand the Harsh Outdoor condition the racks are specially powder coated dual coat with primer & pure polyester powder

Racks are manufactured with highest quality standards under stringent ISO 9001 | ISO 14001 | ISO 27001 | ISO 45001 Manufacturing & Quality management system.
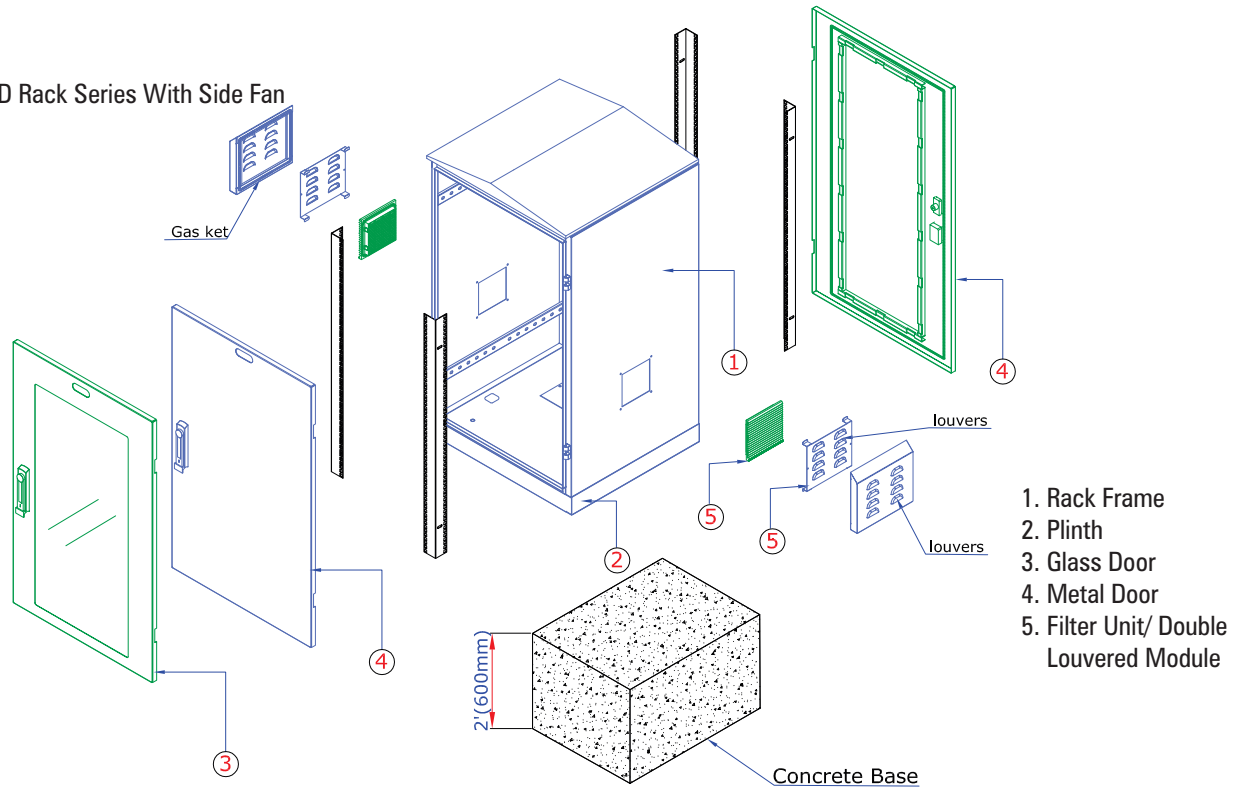
Standard for Racks will be fully welded frame with integrated side panel and Associated Front & Back Metal Door with 3 Point lock & Key and provision to mount racks on Floor.

Available from 6RU to 27RU Variants with 600 & 800 Width and 600~800 Depth configurations.

Fan mounting provision can be on sides or top with canopy with filter unit to meet IP 56 (Ingress protection) requirements
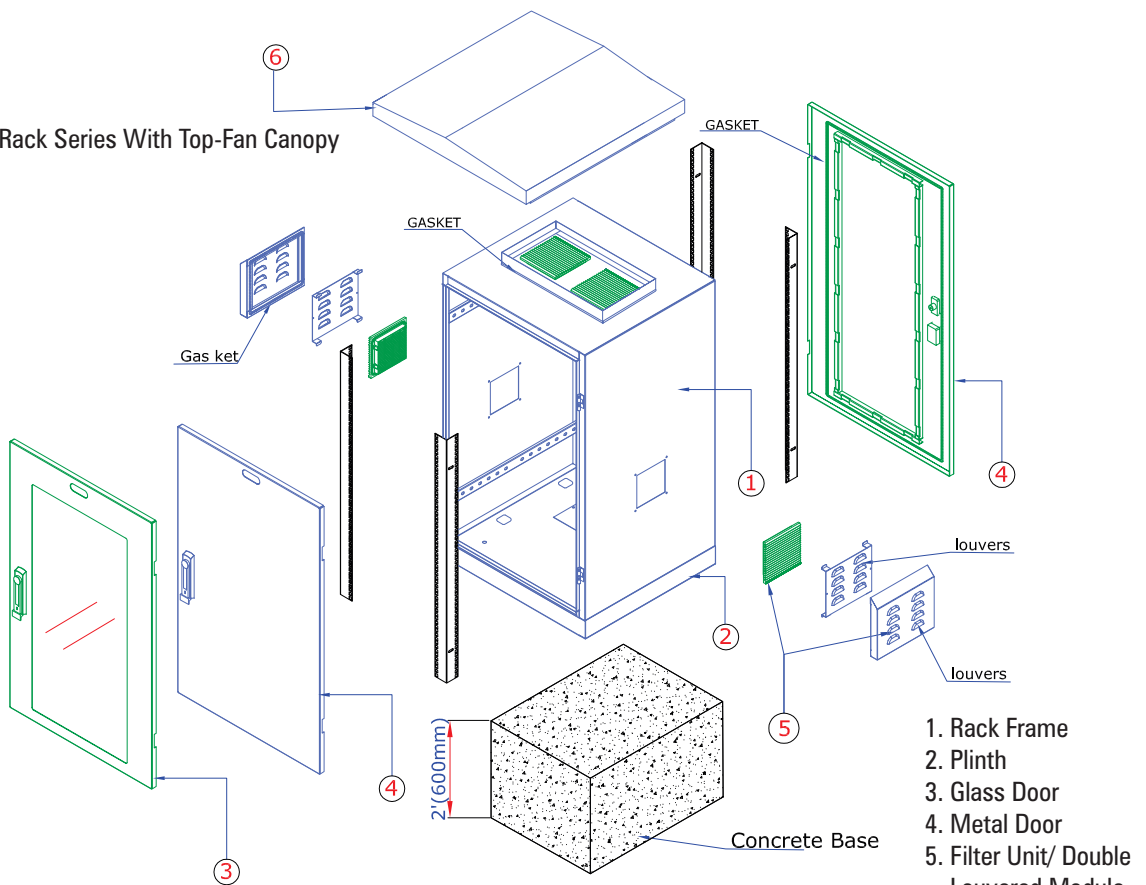
Outdoor Cabinet

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FMOD Rack Series With Side Fan

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1. Rack Frame
2. Plinth
3. Glass Door
4. Metal Door
5. Filter Unit/ Double
   Louvered Module

2'(600mm)

Concrete Base

Note: Concrete Base for Avoiding Submerging in water

600W FMOD Rack Series With Top-Fan Canopy

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2'(600mm)

Concrete Base

1. Rack Frame
2. Plinth
3. Glass Door
4. Metal Door
5. Filter Unit/ Double
   Louvered Module
6. Fan canopy

Note: Concrete Base for Avoiding Submerging in water

Features

- Conforms to DIN 41494 or Equivalent EIA /ISO/ EN/ CEA Standard
- Adjustable mounting depth
- Conforms to IEC 60529 or Equivalent IS/ EN/ Standards for Ingress Protection
- 2 No Adjustable, 19" verticals with Punched 10 mm Square Hole and Universal 12.7 mm -15.875mm- 15.875 mm alternating hole pattern offers greater mounting flexibility, maximizes usable mounting space
- State-of-the-art manufacturing methods provide the best product quality and fastest delivery in the industry
- 100% assured compatibility with all equipments conforming to DIN 41494 (General industrial standard for equipments)
- Special Dual Coat Powder coated finish with seven-tank pretreatment process meeting ASTM standard to Meet Harsh Out door requirement
- Grounding & Bonding options

Accessories:

- Angle Pair
- Fixed Shelf
- Cantilever Shelf
- Sliding Shelf
- Key Board Shelf
- Power Distribution Units
- Cable Oragnisers
- Fans and Fan Modules
- Rack Ground Kit
- Plinth

Technical Data:	
Basic Frame	Galvanized Steel folded
Construction	Welded
Top & Bottom Cover	(Galvanized Steel) Welded to frame
Front Door	Lockable Galvanized Steel Door plain or Lockable Toughened Glass Galvanized Steel Door
Rear Door	Lockable Galvanized Steel Door-Plain
19" Mounting Angle	Formed Galvanized Steel
Std. Equipment Mounting	DIN Std. 10mm Sq. Slots
Standard Finish	Pure polyester Powder coating
Standard Colour	Off white Or Black
Standard Mounting	Free Standing On Plinth
Rack Standard	Conforms to DIN 41494 & IEC 60529 Equivalent Standard
Static Load	750 Kg (Uniformly Distributed)
Protection class	IP56 (with Fan) & IP66 (without Fan)

Outdoor Cabinet

Model Matrix & Dimensions

FMOD SERIES IP 56 Series	H	h	W	w	w1	D	d	d1	Plinth Height (MM)	Canopy (MM)
6UX600X600	379	6U	600	19"	451	600	560	445	50/100	60
6UX600X800	379	6U	600	19"	451	800	760	535	50/100	60
9UX600X600	512	9U	600	19"	451	600	560	445	50/100	60
9UX600X800	512	9U	600	19"	451	800	760	535	50/100	60
12UX600X600	645	12U	600	19"	451	600	560	445	50/100	60
12UX600X800	645	12U	600	19"	451	800	760	535	50/100	60
15UX600X600	778	15U	600	19"	451	600	560	445	50/100	60
15UX600X800	778	15U	600	19"	451	800	760	535	50/100	60
17UX600X600	867	17U	600	19"	451	600	560	445	50/100	60
17UX600X800	867	17U	600	19"	451	800	760	535	50/100	60
22UX600X600	1089	22U	600	19"	451	600	560	445	50/100	60
22UX600X800	1089	22U	600	19"	451	800	760	535	50/100	60
27UX600X600	1311	27U	600	19"	451	600	560	445	50/100	60
27UX600X800	1311	27U	600	19"	451	800	760	535	50/100	60

Note:
1. Overall Height＝Frame Height＋Plinth & canopy
2. It is recommended to distribute the Load along with U space in the Rack
3. Dimensions are in MM

Abbreviations

Frame Height	H
Usable Height	h
Overall width	W
Usable width	w
Usable width Between MTG. Angles	w1
Overall Depth	D
Usable Depth	d
Usable Depth Mounting Angle to Angle	d1