

Overview

The **Solitine 12U Wall Mount Network Rack** is a heavy-duty, versatile enclosure solution designed to securely house and organize 19-inch IT equipment, network switches, patch panels, routers, CCTV storage units, and telecom hardware. Engineered for enterprise branch offices, SMBs, edge computing nodes, and structured cabling closets, this rack optimizes thermal airflow while maximizing floor space.

Available in two depth options (450 mm depth for space-restricted environments and 600 mm depth for deeper servers and active equipment), each enclosure comes integrated with a 6-port Power Distribution Unit (PDU), dual high-airflow cooling fans, and a toughened front glass door with a push-lock mechanism.



Key Features

- **Sturdy Steel Construction:** Built with premium SPCC cold-rolled steel, finished with a rust-resistant electro-static powder coating.
- **Toughened Glass Front Door:** Features a stylish, transparent tempered glass front door with a quick-release push-lock system for easy viewing and secure protection.
- **Integrated Power Distribution:** Pre-installed with a 6-port PDU to easily deliver organized power to all mounted active network devices.
- **Enhanced Ventilation System:** Fitted with 2 top-mounted AC cooling fans and side ventilation slots to ensure efficient heat dissipation and extend equipment life.
- **Dual Depth Availability:** Offered in standard 450 mm and extended 600 mm depths to accommodate varying chassis lengths and rear cable bend radii.
- **Removable Side Panels:** Quick-release removable side doors with optional locks simplify installation and routine hardware maintenance.
- **Flexible Cable Entry:** Top and bottom cable pass-through slots allow clean, organized cable routing from multiple entry points.
- **Standard 19-inch Compatibility:** Features fully adjustable front and rear 19-inch mounting rails with laser-etched U-markings for accurate equipment alignment.

Application

- **Network & IT Equipment:** Ideal for switches, patch panels, modems, routers, and firewalls.
- **Structured Cabling Infrastructure:** Suitable for small offices, telecom rooms, server rooms, and floor distribution nodes.
- **Security & Surveillance (CCTV):** Perfect for secure housing of NVRs, DVRs, network switches, and power units.
- **AV & Telecommunications:** Suitable for PBX systems, audio processors, and compact enterprise equipment.

Compliant Standards

- **19-Inch Rack Mounting Standard:** Complies with ANSI/EIA RS-310-D, IEC 297-2, DIN 41491 (Part 1), and DIN 41494 (Part 7).
- **Quality & Environmental:** Manufactured under ISO 9001:2015 (QMS) and ISO 14001:2015 (EMS) certified processes.
- **Safety & Regulatory:** CE Certified and RoHS Compliant.
- **Ingress Protection:** Rated IP20 for indoor protection.

Technical Specifications

Parameter	Specification Details	
Brand	SOLITINE	
Part Numbers	SOL-265-12U	SOL-266-12U
Rack Unit Capacity	12U	
Dimensions (W × D × H)	600 × 450 × 635 mm (approx.)	600 × 600 × 635 mm (approx.)
Front Door	Toughened Tempered Glass Door with Push Lock	
Side Panels	Removable Steel Side Panels	
Cooling System	2 × Top-Mounted 120mm AC Exhaust Fans	
Power Distribution	Pre-installed 6-Port Rackmount PDU	
Material	High-Grade SPCC Cold-Rolled Steel	
Thickness	Mounting Rails: 1.5mm–2.0mm; Frame/Panels: 1.0mm–1.2mm	
Surface Finish	Degreasing, Pickling, Phosphating, Powder Coated	
Color	Black	
Max Static Load Capacity	60 kg	
Cable Entry Points	Top and Bottom gland plates	

Ordering Information

Part Number	Description	Included Accessories
SOL-265-12U	Solitone 12U Wall Mount Network Rack (600×450mm)	6-Port PDU, 2 Fans, Glass Door, Key Set, Cage Nuts & Bolts
SOL-266-12U	Solitone 12U Wall Mount Network Rack (600×600mm)	6-Port PDU, 2 Fans, Glass Door, Key Set, Cage Nuts & Bolts