

ZTmm LS Series Standing Server Rack

Medium and high density IT rack including server rack and network rack. Server rack is a dedicated rack for installing 19" standard equipment and non-19" standard equipment such as server, display, UPS, etc. The network rack is a dedicated rack for installing switches, routers and other network equipment.



● Highlights

Compatibility

Capable of being used in conjunction with high capacity cable management systems, which are attached to the equipment mounting rails inside the rack and aligned with the u-space of the mounting equipment and provide access to cable routing and cable management.

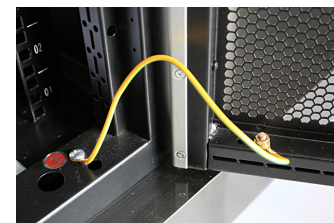
Two PDU can be installed vertically on two sides with a spline loop for managing power distribution wires.

Safety

Load bearing: The static load capacity of 42U rack is 1500Kg, the wheels at the bottom of the rack can be connected with the support in different ways after unloading to meet different seismic requirements.

Anti-seismic: Meeting the standards of the telecommunications industry 【 telecommunications equipment seismic performance testing specifications 】 (YD5083-2005), which Load $\geq 450\text{KG}$ seismic requirements of 8 intensity.

Grounding: At least two grounding points are provided at the bottom of the rack. The door and rack enclosure are connected by 6mm^2 soft wire butt terminals.



Useful

The huge cable access slot at the top provides access channel. The bottom design allows cables to pass through the movable floor without barrier. The inlet line on both sides of the top is treated with a brush to facilitate removal for cleaning and replacement while allowing the cable to pass through and play a role in airflow containment. There are eye bolt holes on the top of the rack frame, allowing the lifting mechanism and lifting eye bolts to lift the rack for movement and placement.

● Features

Door: Removable front door and removable rear split door. The rear door adopts four-point lock, hexagonal mesh door and steel plate thickness is 1.2mm. Ventilation rate is more than 75%.

Structure: The rack enclosure adopts **Ten Folded Profile** and assembly structure, which can be delivered in flat or assemble packing .The main frame thickness $\geq 2.0\text{mm}$, mounting angle thickness $\geq 1.5\text{mm}$ and the rest thickness $\geq 1.2\text{mm}$.

Surface Finish:

Pre degreasing -Main degreasing - Spray water washing - Tank immersion washing - Potting - Tank immersion washing - Spray water washing - Moisture drying.

Automated powder coating assembly line, the thickness of sandpaper powder is 60-80 μm and wrinkles are 80-110 μm , enter the curing oven (200 ° C) for 15-20 minutes of curing - cooling

Cable management:

Two rear vertical cable management panel

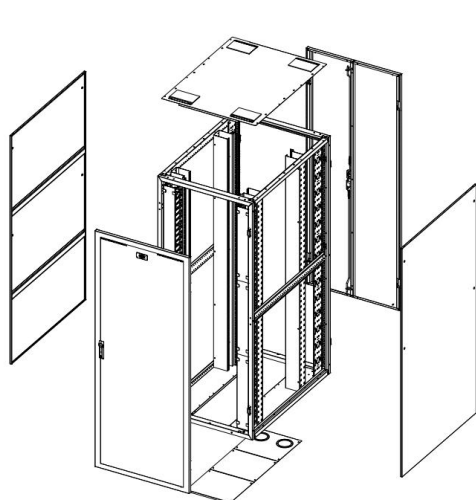
Two front finger type cable management cable tray (only suit for 800mm width racks)

Color: RAL9005, customized.

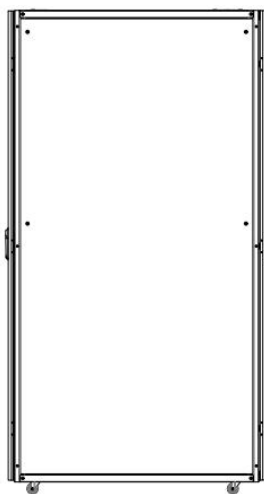
Protection: IP20

Rack manufacturer has ISO9001, ISO14001, OHSAS18001 certification

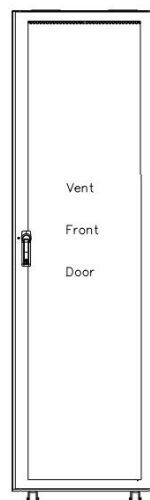
● Configuration



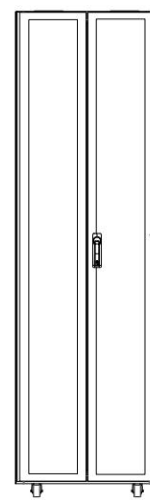
Enclosure Exploded View



Side View



Front View



Rear View

S/N	Name	Material	Quantity	S/N	Name	Material	Quantity
1	Front enclosure frame	SPCC1.5	1	11	Horizontal cable brush (Optional)	Fire-proof	1
2	Rear enclosure frame	SPCC1.5	1	12	Front door	SPCC1.5	1
3	Cable management rings(Optional)	Stainless	16	13	Rear door	SPCC1.2	1
4	Middle horizontal frame	SGCC1.5	2	14	Removable side panel with lock(Single/Split)	SPCC1.2	4
5	Rear and bottom frame	SGCC1.5	4	15	Front bottom cover	SGCC1.5	2
6	Cable management teeth base	SGCC1.5	1	16	Rear bottom cover	SGCC1.5	1
7	Shelf (Optional)	SPCC1.5	1	17	2 inch wheels(Optional)	Nylon	4
8	PDU(Optional)	Customized	2	18	Cable management panel	SPCC1.5	1
9	PDU slider	SGCC1.5	4	19	Mounting frame	SPCC2.0	4
10	Roof	SPCC1.5	1	20	Finger type cable management (Optional)	Fire-proof Plastic	2

● Specifications

Model	Capacity	Dimension(W*D*H)	Cable Inlet Dimension	BU Dimension(W*D*H)	Packing Volume
ZTmmLS61042	42U	600*1000*2000	720*90	650*1050*2150	1.467
ZTmmLS61142		600*1100*2000	750*90	650*1150*2150	1.607
ZTmmLS61242		600*1200*2000	850*90	650*1250*2150	1.747
ZTmmLS81042		800*1000*2000	720*90	850*1050*2150	1.919
ZTmmLS81142		800*1100*2000	750*90	850*1150*2150	2.102
ZTmmLS81242		800*1200*2000	850*90	850*1250*2150	2.284
ZTmmLS61047	47U	600*1000*2200	720*90	650*1050*2350	1.604
ZTmmLS61147		600*1100*2200	750*90	650*1150*2350	1.757
ZTmmLS61247		600*1200*2200	850*90	650*1250*2350	1.909
ZTmmLS81047		800*1000*2200	720*90	850*1050*2350	2.097
ZTmmLS81147		800*1100*2200	750*90	850*1150*2350	2.297
ZTmmLS81247		800*1200*2200	850*90	850*1250*2350	2.497