

# ADJUSTABLE RACK-MOUNT KIT INSTALLATION

This kit contains parts needed to mount several different models of Uninterruptible Power Supplies (UPS) and Battery Cabinets into EIA310-D Standard 4-Post Racks that are 18" to 32" deep. The weight limit per pair of Adjustable Rack-Mounting Brackets is 250 pounds (113 kg). Parts included are: (2) Rear Bracket Members, (2) Front Bracket Members, (2) Inner Bracket Members, (16) M4 x 8 mm Machine Screws, and (12) M5 x 12 mm Machine Screws. Tools needed for installation are: a Phillips Screwdriver and a 7 mm Wrench. The Adjustable Rack-Mounting Brackets feature Retaining Latches to prevent users from inadvertently sliding the UPS or Battery Cabinet out of the Rack.

1. Unpack (2) Rack-Mounting Bracket Assemblies and mounting hardware from this kit. Bracket Assemblies are interchangeable between left-hand or right-hand. Remove Inner Member of each Bracket Assembly as shown in Figure 1 by extending it to its outermost position, depressing the Retaining Latch and then pulling Inner Member from Bracket Assembly.

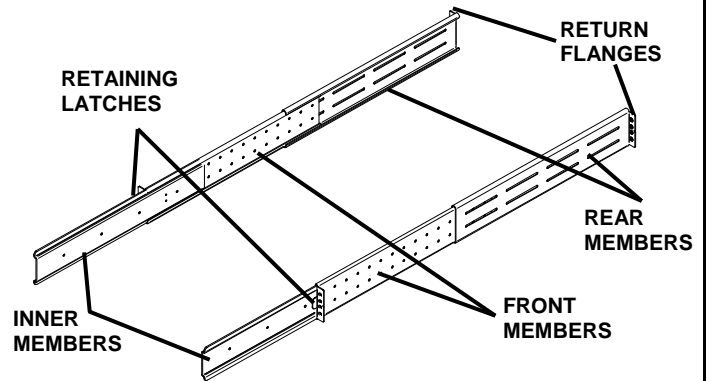


Figure 1

2. Determine the height position inside the Rack Enclosure where you want to mount the UPS or Battery Cabinet. **(CAUTION: REDUCE RISK OF TIPPING THE RACK ENCLOSURE BY PLACING UPS OR BATTERY CABINET IN THE LOWEST POSSIBLE RACK POSITION.)** Install Rear Member of each Bracket Assembly into Rack Enclosure with (2) M5 Screws provided in this kit. (See Figure 2) Return flanges on Bracket Assembly fit to the inside of Rack Mounting Rails. Insert Screws loosely (finger-tight) into top and bottom holes of return flange on Rear Member. Extend Bracket Assembly by sliding Front Member forward until it touches the front Rack Mounting Rail. Insert (2) M5 Screws loosely (finger-tight) into top and bottom holes of return flange on each Front Member. Make sure Bracket Assemblies are at the same mounting height on all (4) Rack Mounting Rails.

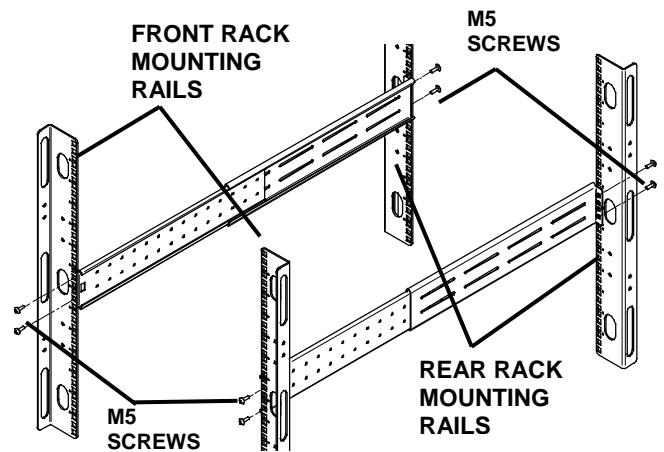


Figure 2

3. Locate (8) M4 Screws and (8) M4 Nuts from hardware pack in this kit. Each Nut has a locking, nylon insert that begins gripping the Screw when it is halfway tight. Make sure to tighten Nut and Screw completely to assure locking action. Fasten Rear Member and Front Member together using (4) Screws and (4) Nuts per Bracket Assembly as shown in Figures 3A and 3B. For maximum support, locate fasteners for each Bracket Assembly as far apart as possible, depending on rack depth, while still joining both Members (See Figures 3A and 3B). Check alignment of Bracket Assemblies and **TIGHTEN ALL SCREWS FROM STEPS 2 AND 3.**

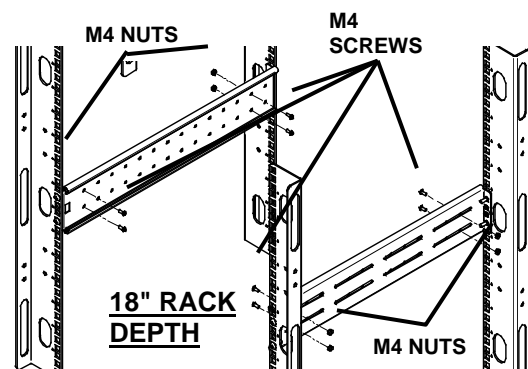


Figure 3A

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4. Prepare the UPS or Battery Cabinet (the "equipment") for rack mounting by following instructions in the equipment's user manual. The equipment may require additional parts to be added or parts to be removed for rack mounting. After it is prepared, lay equipment in rack-mounting position. Fasten Inner Members from Step 1 to the equipment on both sides as shown in Figure 4 with (8) M4 Screws provided in this kit. Make sure Retaining Latch is near the rear of the equipment as shown (See Figure 4).

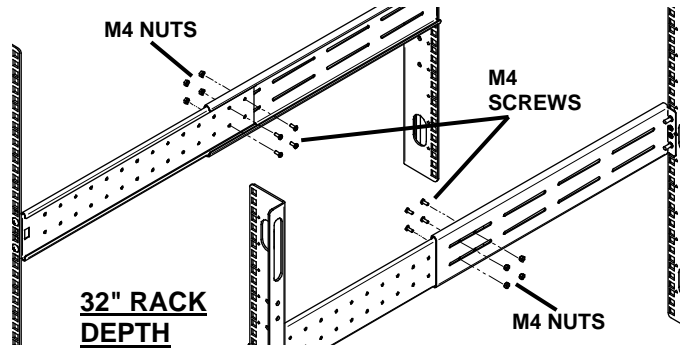


Figure 3B

5. **(CAUTION: LIFTING EQUIPMENT INTO RACK MAY BE A TWO-PERSON JOB, DEPENDING ON WEIGHT OF EQUIPMENT. SEE EQUIPMENT'S USER MANUAL.)** Insert the equipment, with Inner Members attached from Step 4, into Bracket Assemblies by inserting top and bottom edges of Inner Members into the top and bottom, curved tracks of Front Members and sliding the equipment into Rack (See Figure 5A). Ends of Inner Members are tapered to allow rear of the equipment to be angled upward before insertion, if space allows. Then the rear, bottom edges of Inner Members can be placed into front edge of bottom tracks, and the front of the equipment can be tipped up into horizontal position to insert the top edges of Inner Members before sliding the equipment into Rack (See Figure 5B). The equipment should move smoothly into Bracket Assemblies. If not, recheck alignment of Front and Rear Members from Steps 2 and 3.

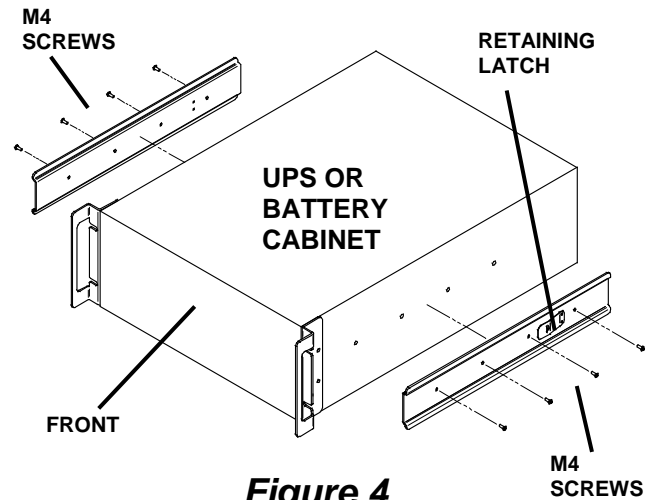


Figure 4

6. Secure front of the equipment to Rack Mounting Rails to prevent the equipment from sliding out of position. If securing holes are provided on front of the equipment that align with the center holes on return flange of Front Members, you can use the extra (4) M5 Screws provided in this kit to secure the equipment. Otherwise, the equipment should be secured to front of Rack Mounting Rails with (4) customer-supplied fasteners.

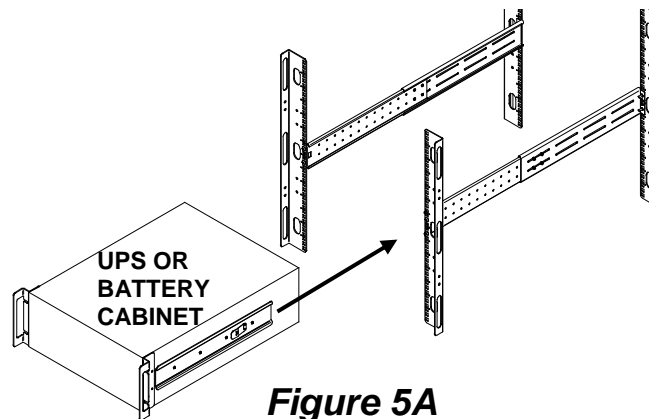


Figure 5A

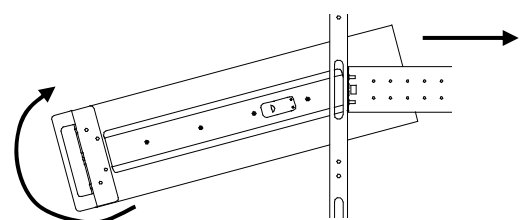


Figure 5B