

Rack Adapter Panel

GRA-442



Assembly Manual

GW INSTEK PART NO. 82RA-44200MA1

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ISO-9001 CERTIFIED MANUFACTURER

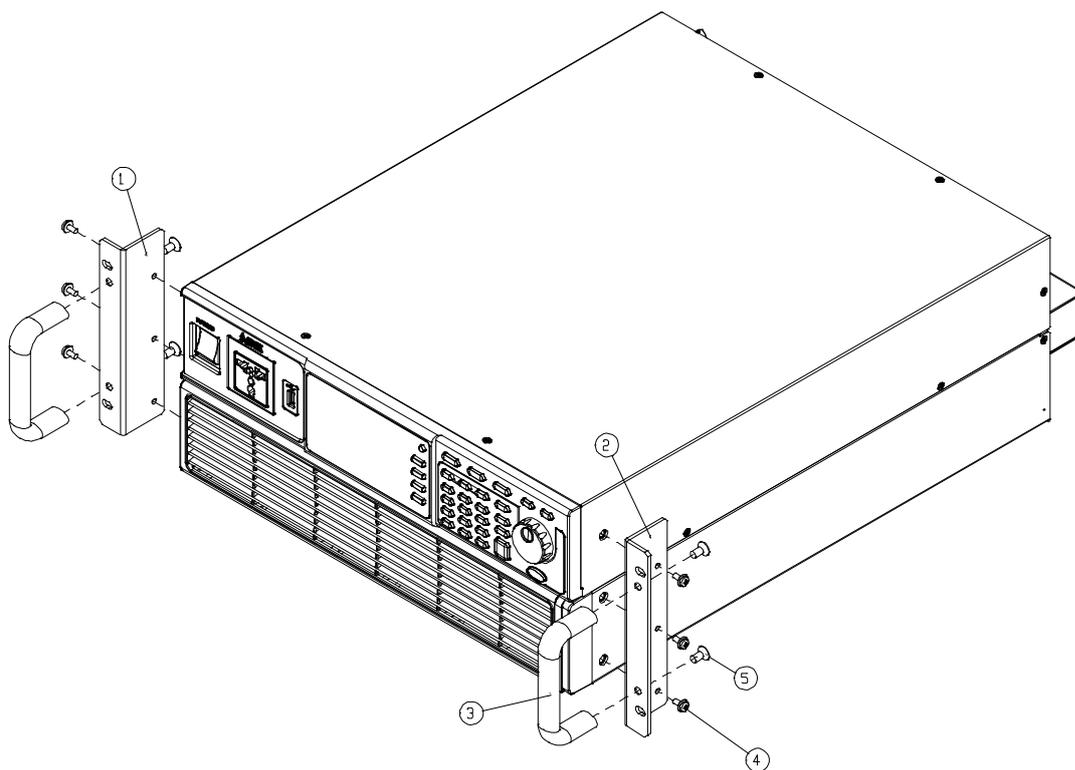
GW INSTEK

GRA-442

The GRA-442 rack mount is suited for the ASR-3000 AC/DC Power Supplies. The GRA-442 supports both the EIA (GRA-439-E) and JIS (GRA-439-J) standards for use with standard sized rack units.

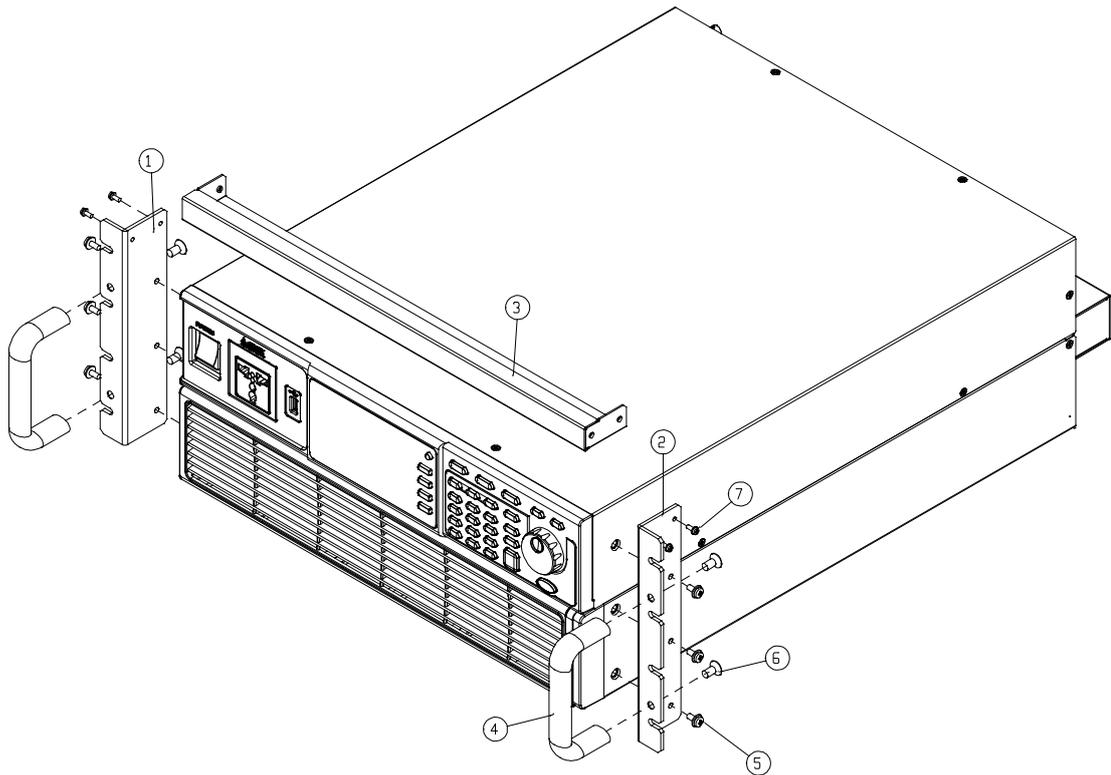
Rack Mount Adapter Component List and Assembly

Description Please check to make sure all the components of the GRA-442 rack mount kit are provided. The JIS and EIA rack mounts have slightly different component sets.



**GRA-442-E
Assembly**

| Item | Part NO. | Description | QTY |
|------|---------------|-----------------|-----|
| 1 | 62RA-442HP101 | E LEFT BRACKET | 1 |
| 2 | 62RA-442HP201 | E RIGHT BRACKET | 1 |
| 3 | 62EL-200HD101 | HANDLER | 2 |
| 4 | 594B-W4016NS1 | BMS-W-4*16 | 6 |
| 5 | 593B-06010NS1 | FMS 6*10 | 4 |



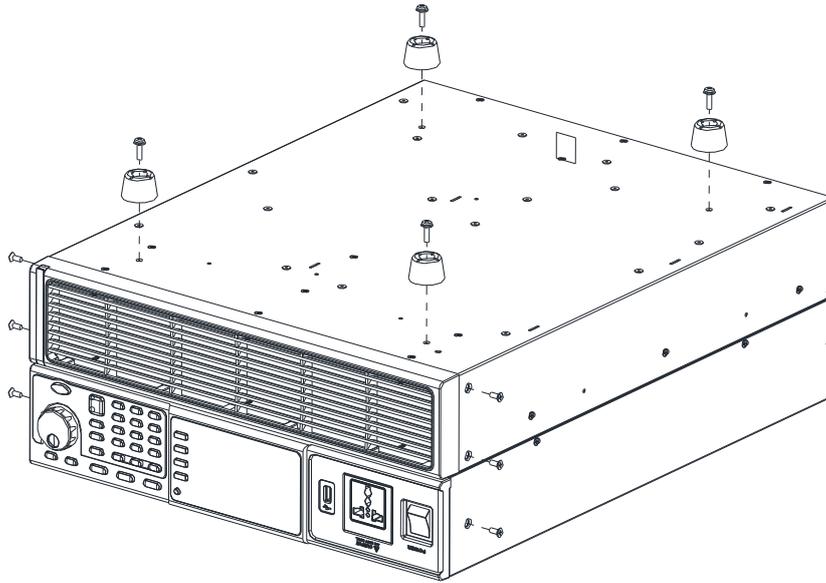
**GRA-442-J
Assembly**

| Item | Part NO. | Description | QTY |
|------|---------------|-----------------|-----|
| 1 | 62RA-442HP301 | J LEFT BRACKET | 1 |
| 2 | 62RA-442HP401 | J RIGHT BRACKET | 1 |
| 3 | 62RA-442HP501 | J MIDDLEBRACKET | 1 |
| 4 | 62EL-200HD101 | HANDLER | 2 |
| 5 | 594B-W4016NS1 | BMS-W-4*16 | 6 |
| 6 | 593B-06010NS1 | FMS 6*10 | 4 |
| 7 | 594B-W3008NS1 | BMS-W-3*8 | 4 |

Assembly

Initial setup

1. Remove the parts described below from the underside of the power supply units.
 - Foot * 4
 - M4*10 screw * 4

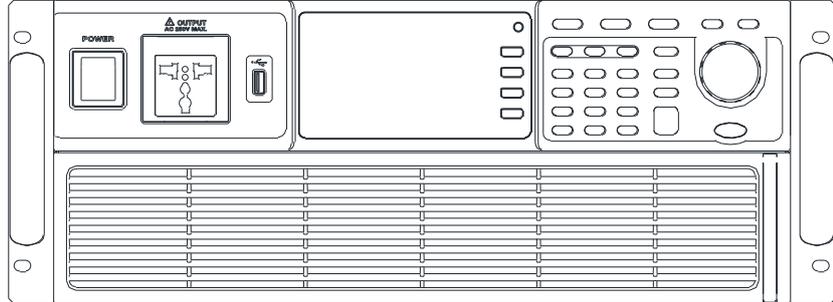


Installation process

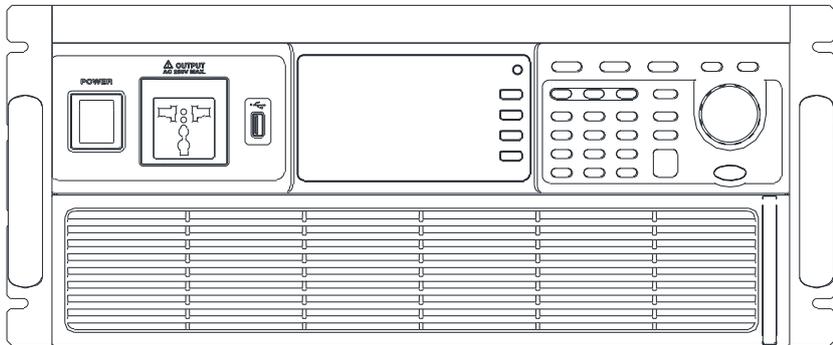
1. Attach the left and right brackets to both sides of power supply units.
2. Fasten the left and right brackets with power supply units by fixing the six screws (BMS-W-4*8).
3. Attach the middle bracket to the top of power supply units. (JIS model only)
4. Fasten the left and right brackets with the middle bracket by fixing the four screws (BMS-W-3*8). (JIS model only)
5. Attach the two handlers to the left and right brackets.
6. Fasten the two handlers onto the left and right brackets by fixing the four screws (FMS 6*6).

Specification

Rack installation
Diagram (EIA)



Rack installation
Diagram (JIS)



It is suggested to utilize L-shape angle bars to provide support from the bottom of unit while assembling the rack mount.

