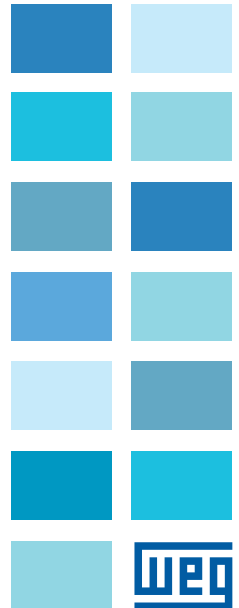


Rack 2 / Rack 3

CFW-11M / RMW11

Installation Guide Guía de Instalación Guia de Instalação

English / Español / Português



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1. GENERAL INFORMATION

This guide orients the installation of the Rack 2 and Rack 3 mechanical accessories, used to facilitate the installation of the modular rectifiers and inverters (book format) RMW11 and CFW-11M in cabinets.

The Rack 2 accessory allows the installation of 1 or 2 modules side by side in 600 mm (23.6 in) wide cabinets.

The Rack 3 accessory allows the installation of 1, 2 or 3 modules side by side in 1000 mm (39.4 in) wide cabinets.

2. MECHANICAL DIMENSIONS

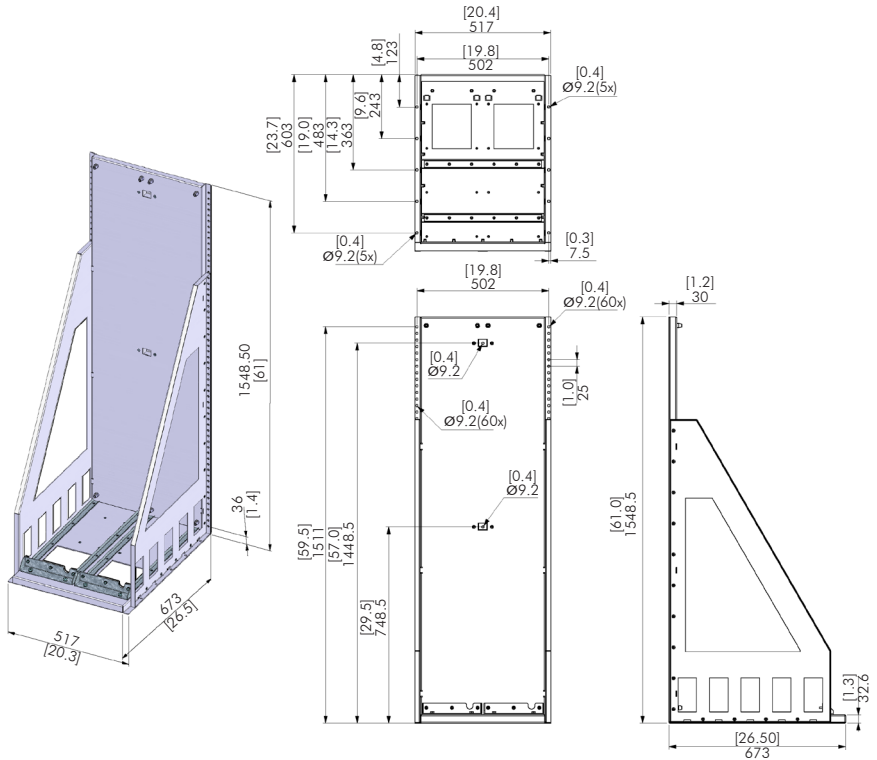


Figure 1 - Rack 2 Dimensions in mm [in]

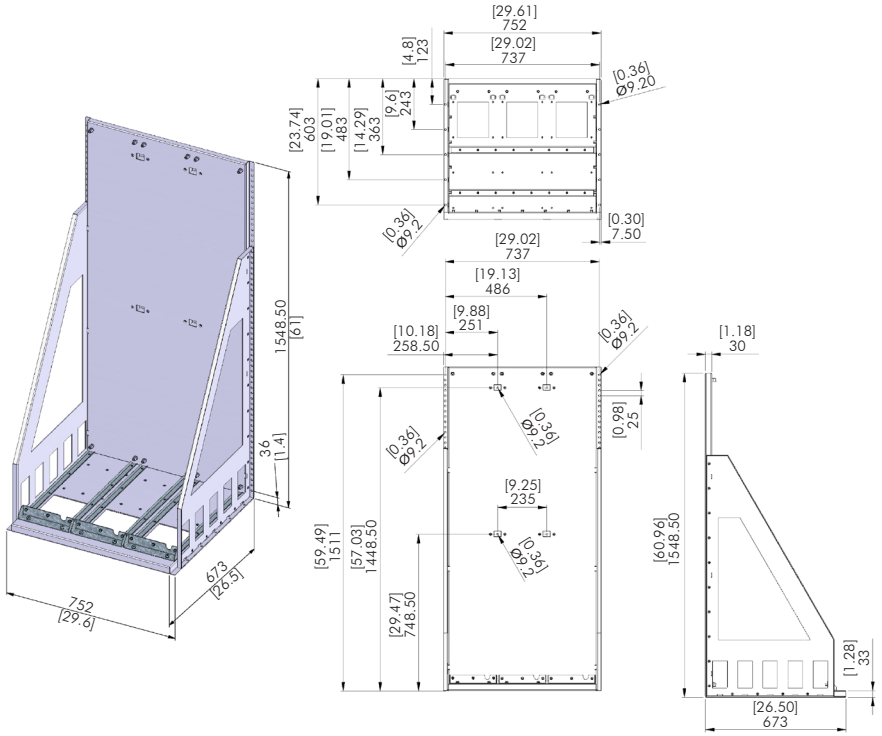


Figure 2 - Rack 3 Dimensions in mm [in]

3. BILL OF MATERIALS

Table 1 - Rack 2 bill of materials

RACK 2			
Position	Material	Description	Quantity
1	10883330	Drive front bracket	2
2	10883645	Bottom base brace	2
3	10881923	Left side cover	1
4	10882019	Right side cover	1
5	10883499	Rear fixing bracket	2
6	10882677	Rear cover	1
7	10883439	Support guide low	4
8	10884139	Base rack fixed	1
9	10888136	Internally threaded guide pin	8
10	10051025	Hex/Phillips with captive washer M8 x 20 mm (0.8 in) screw	12
11	10254506	Slotted/Phillips flat head M5 x 0.8 x 14 mm (0.5 in) screw	16
12	10050963	Slotted/Phillips flat head M6 x 1.0 x 16 mm (0.6 in) screw	49
13	10412546	Hex/Phillips with captive washer M6 x 16 mm (0.6 in) screw	6

Table 2 - Rack 3 bill of materials

RACK 3			
Position	Material	Description	Quantity
1	10883330	Drive front bracket	3
2	10884898	Bottom base brace	2
3	10881923	Left side cover	1
4	10882019	Right side cover	1
5	10883499	Rear fixing bracket	4
6	10884510	Rear cover	1
7	10883439	Support guide low	6
8	10884757	Base rack fixed	1
9	10888136	Internally threaded guide pin	12
10	10051025	Hex/Phillips with captive washer M8 x 20 mm (0.8 in) screw	18
11	10254506	Slotted/Phillips flat head M5 x 0.8 x 14 mm (0.5 in) screw	24
12	10050963	Slotted/Phillips flat head M6 x 1.0 x 16 mm (0.6 in) screw	53
13	10412546	Hex/Phillips with captive washer M6 x 16 mm (0.6 in) screw	9



NOTES!

- M5 screws recommended tightening torque: 5.0 Nm ± 15 %.
- M6 screws recommended tightening torque: 8.5 Nm ± 15 %.
- M8 screws recommended tightening torque: 19.0 Nm ± 15 %.

4. INSTALLATION

- Rack assembling according to figures 3 and 4.
- Installation of the rack inside the cabinet according to figures 7 and 8.

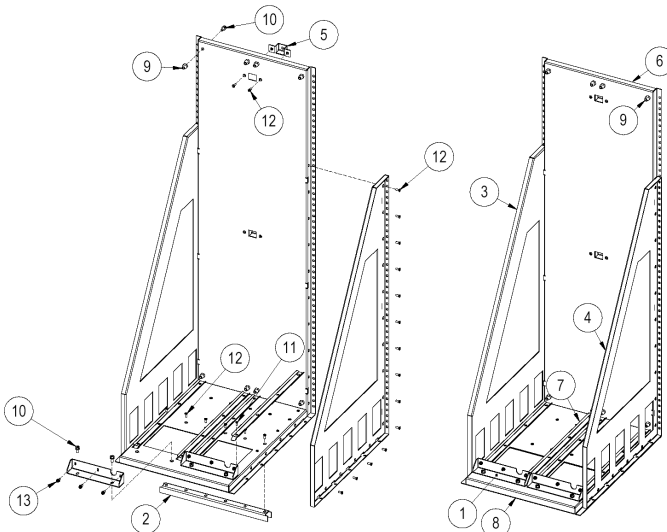


Figure 3 - Assembling of the rack for 2 power modules

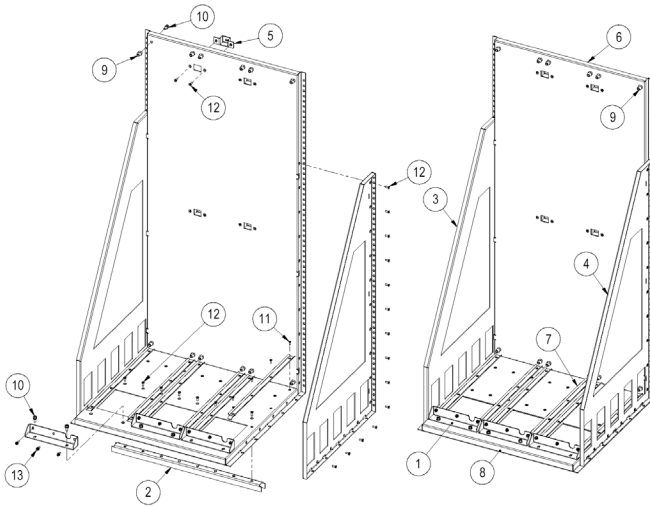


Figure 4 - Assembling of the rack for 3 power modules

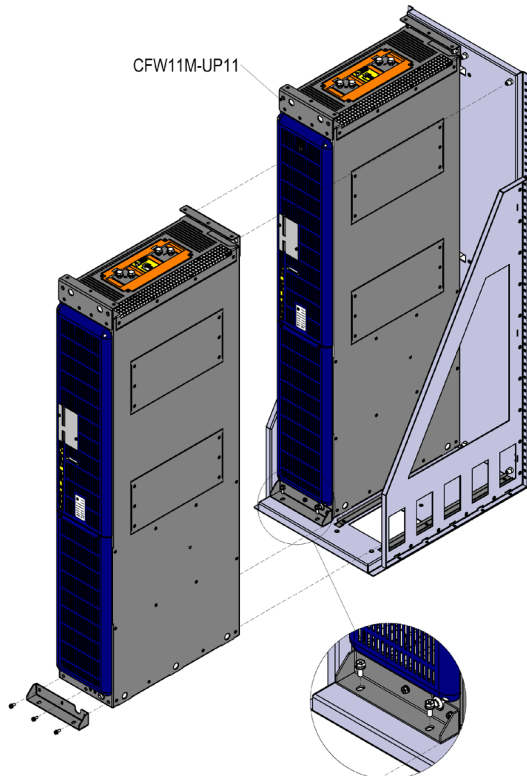


Figure 5 - Insertion of the power modules in the Rack 2

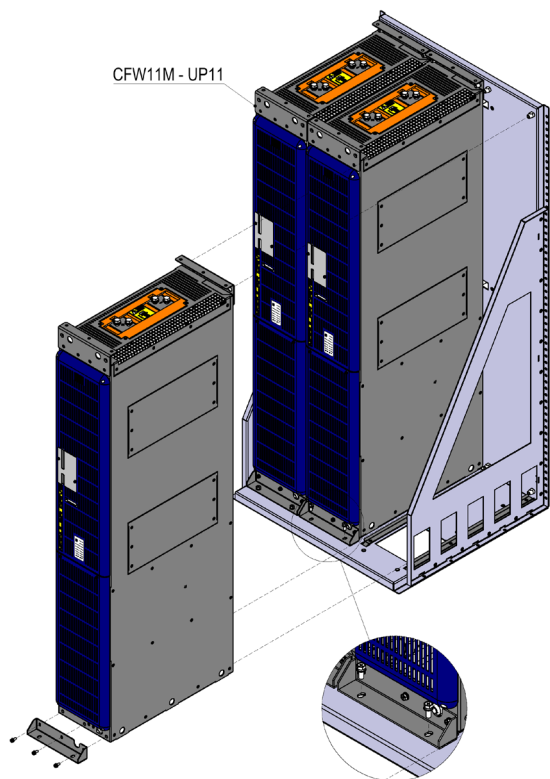


Figure 6 - Insertion of the power modules in the Rack 3

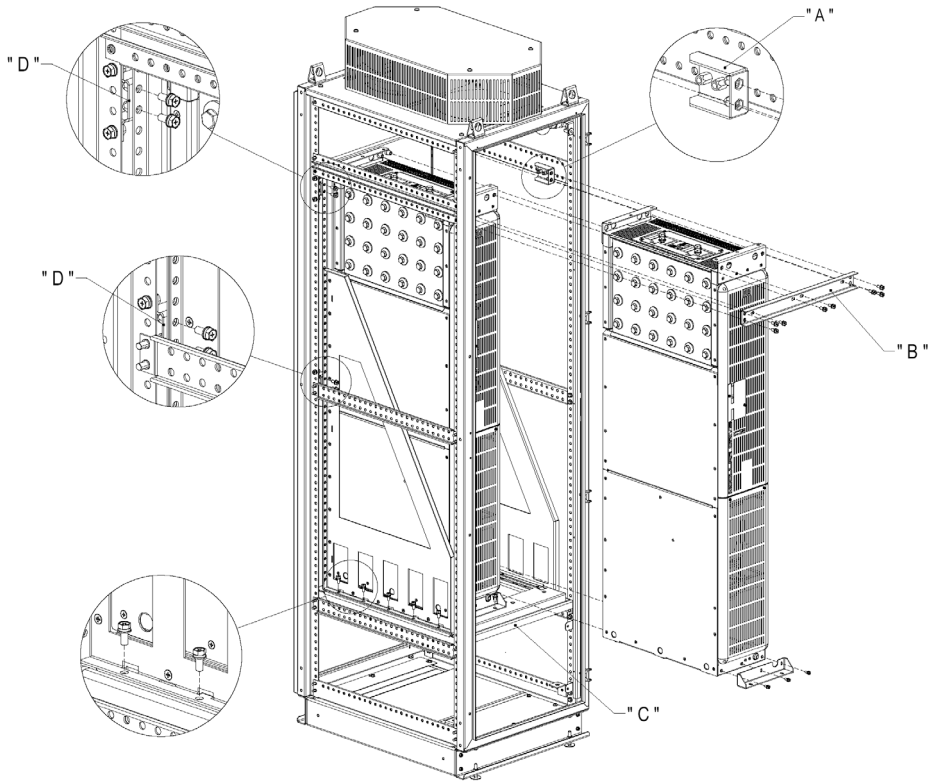


Figure 7 - Details for mounting the Rack 2 in a 600 mm (23.6 in) wide cabinet

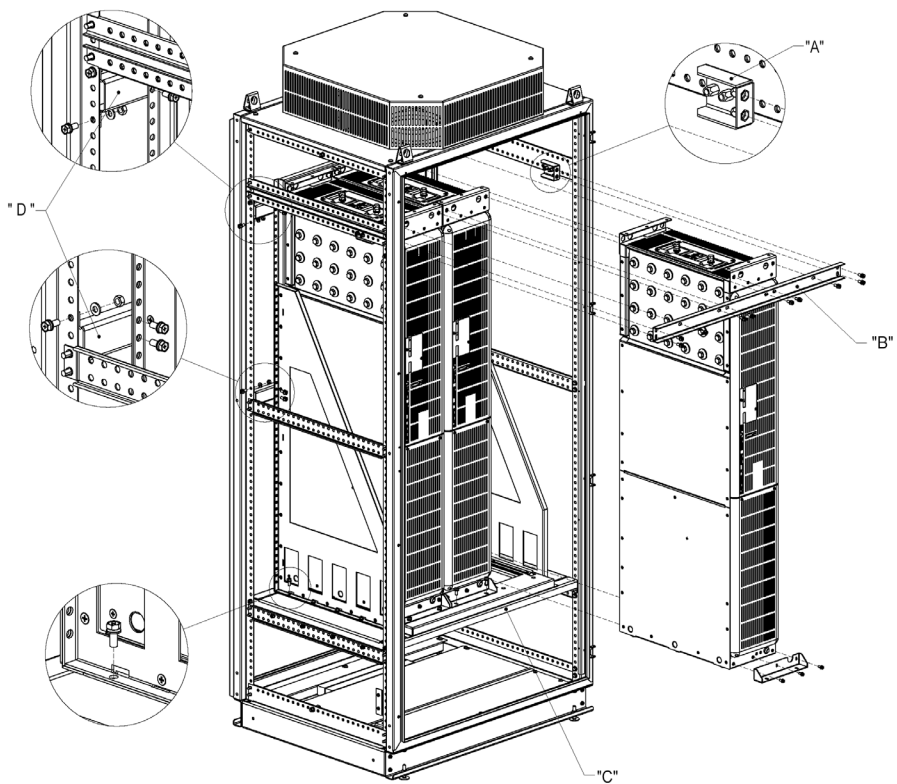


Figure 8 - Details for mounting the Rack 3 in a 1000 mm (39.4 in) wide cabinet

1. INFORMACIONES GENERALES

Este guía orienta la instalación de los accesorios mecánicos Rack 2 y Rack 3, usados para facilitar la fijación en armarios (tableros) de los rectificadores y de los inversores en formato modular (formato "book"), líneas RMW11 y CFW-11M.

El accesorio Rack 2 permite la fijación de 1 o 2 módulos lado a lado, en armarios (tableros) con 600 mm de ancho. El accesorio Rack 3 permite la fijación de 1, 2 o 3 módulos lado a lado, en armarios (tableros) con 1000 mm de ancho.

2. DIMENSIONES MECÁNICAS

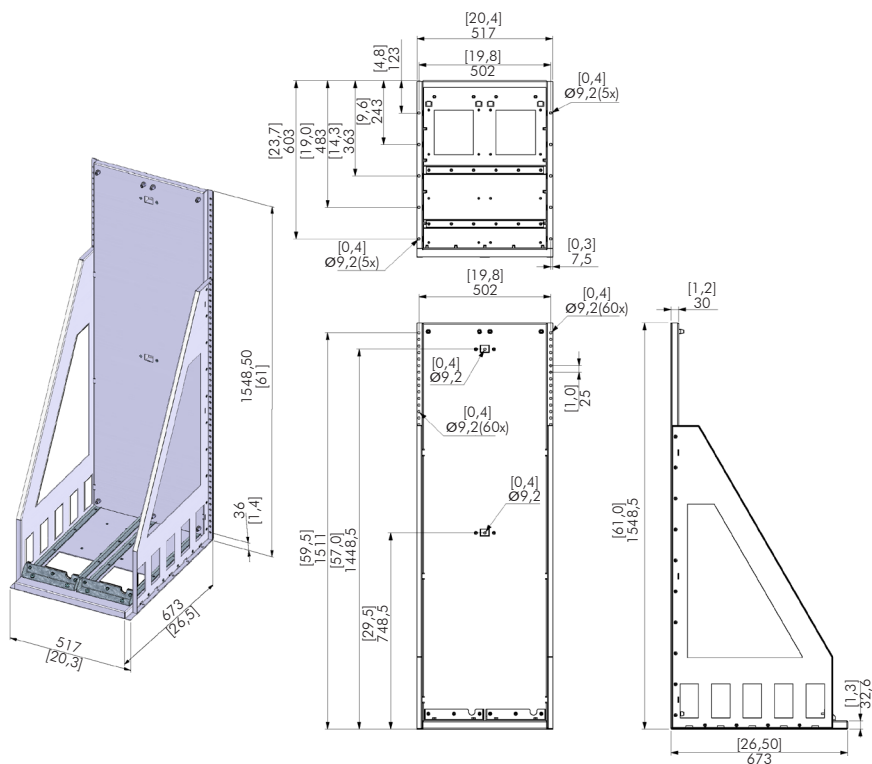


Figura 1 - Dimensiones del Rack 2 en mm [pulgada]

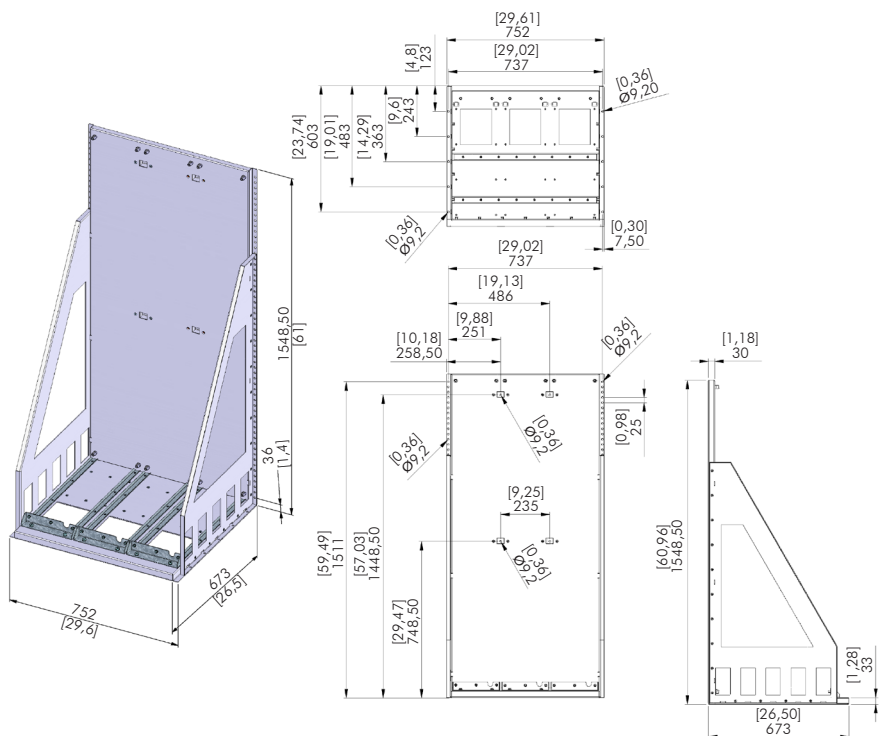


Figura 2 - Dimensiones del Rack 3 en mm [pulgada]

3. LISTADO DE PIEZAS

Tabla 1 - Listado de piezas del Rack 2

RACK 2				
Posición	Material	Descripción	Cantidad	
1	10883330	Soporte frontal drive	2	
2	10883645	Refuerza base inferior	2	
3	10881923	Tapa lateral izquierdo	1	
4	10882019	Tapa lateral derecho	1	
5	10883499	Soporte de fijación posterior	2	
6	10882677	Tapa posterior	1	
7	10883439	Soporte guía inferior	4	
8	10884139	Base rack fijo	1	
9	10888136	Pino guía rosca interna	8	
10	10051025	Tornillo con arandela sextavado phillips M8 x 20 mm	12	
11	10254506	Tornillo escariado tipo cruz M5 x 0,8 x 14 mm	16	
12	10050963	Tornillo escariado tipo cruz M6 x 1,0 x 16 mm	49	
13	10412546	Tornillo con arandela sextavado phillips M6 x 16 mm	6	

Tabla 2 - Listado de piezas del Rack 3

RACK 3			
Posición	Material	Denominación	Cantidad
1	10883330	Soporte frontal drive	3
2	10884898	Refuerzo base inferior	2
3	10881923	Tapa lateral izquierdo	1
4	10882019	Tapa lateral derecho	1
5	10883499	Soporte de fijación posterior	4
6	10884510	Tapa posterior	1
7	10883439	Soporte guía inferior	6
8	10884757	Base rack fijo	1
9	10888136	Pino guía rosca interna	12
10	10051025	Tornillo con arandela sextavado phillips M8 x 20 mm	18
11	10254506	Tornillo escariado tipo cruz M5 x 0,8 x 14 mm	24
12	10050963	Tornillo escariado tipo cruz M6 x 1,0 x 16 mm	53
13	10412546	Tornillo con arandela sextavado phillips M6 x 16 mm	9



¡NOTAS!

- Par (Torque) de aprieto recomendado para los tornillos M5: 5,0 N.m ± 15 %.
- Par (Torque) de aprieto recomendado para los tornillos M6: 8,5 N.m ± 15 %.
- Par (Torque) de aprieto recomendado para los tornillos M8: 19,0 N.m ± 15 %.

4. INSTALACIÓN

- El montaje del RACK conforme las figuras 3 y 4.
- Instalación del RACK en el armario (tablero) conforme las figuras 7 y 8.

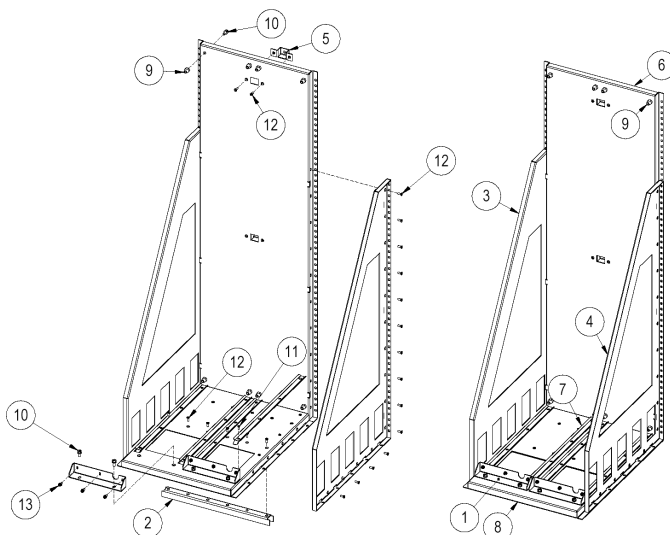


Figura 3 - Montaje del rack para 2 módulos de potencia

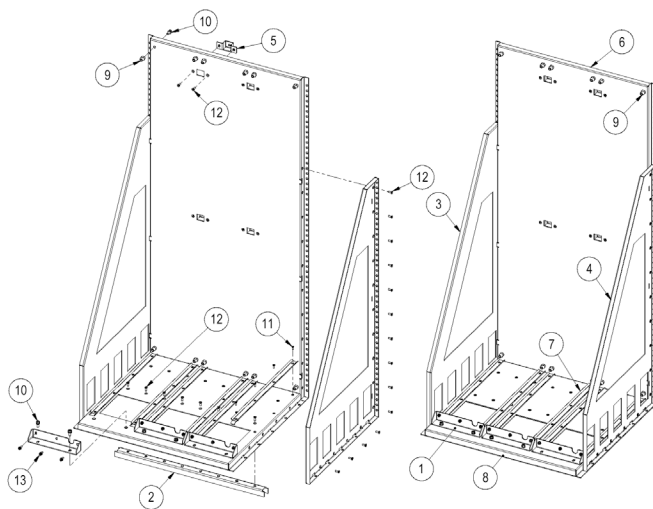


Figura 4 - Montaje del rack para 3 módulos de potencia

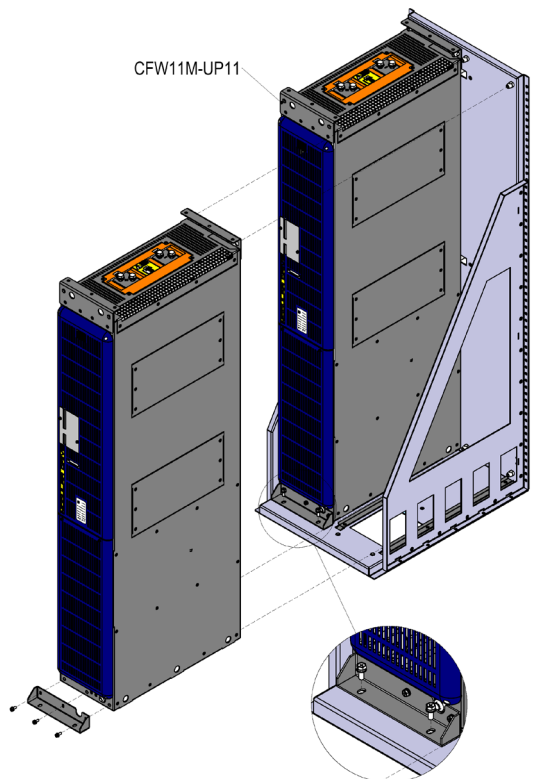


Figura 5 - Inserción de los módulos de potencia en el Rack 2

CFW11M - UP11

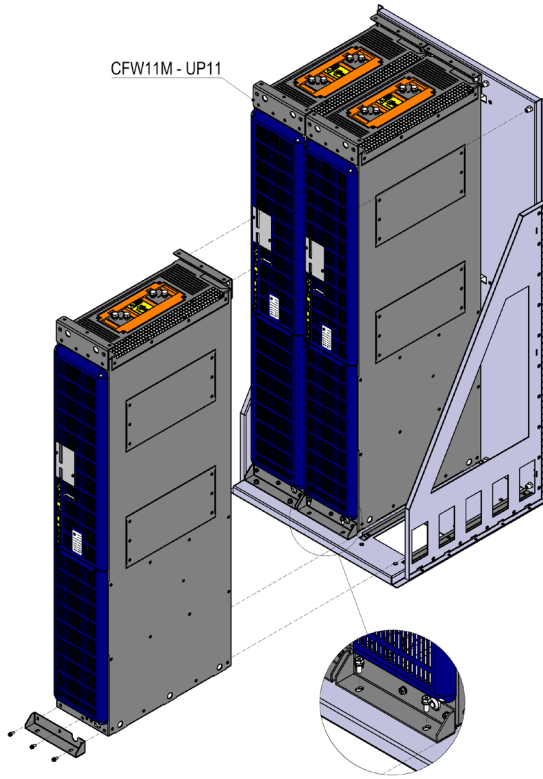


Figura 6 - Inserción de los módulos de potencia en el Rack 3

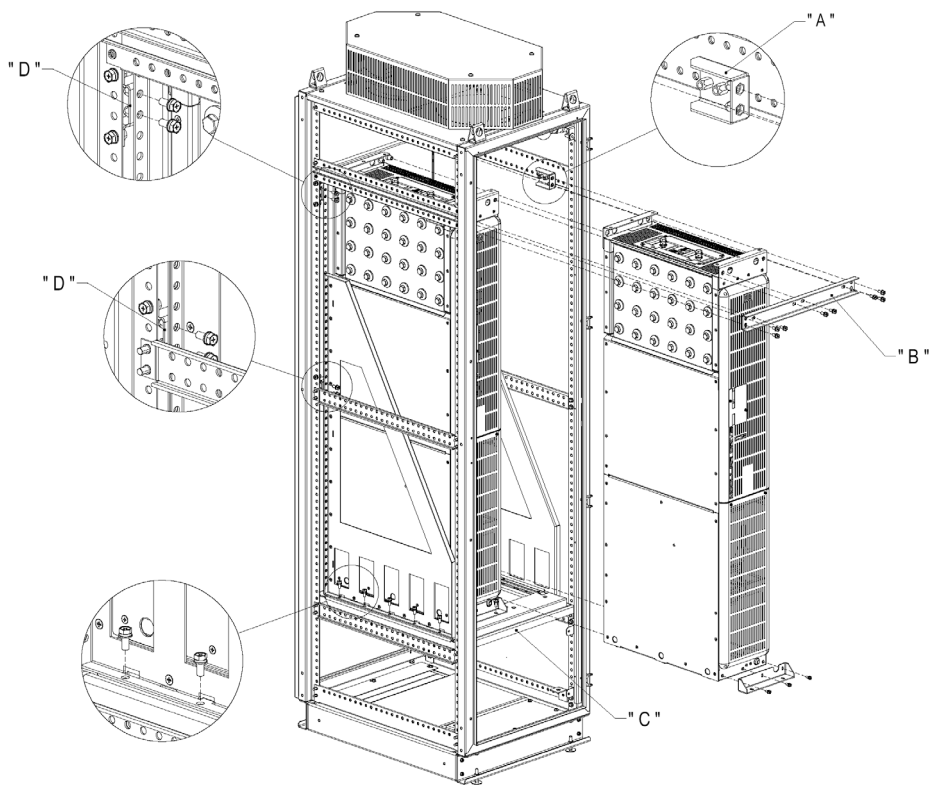


Figura 7 - Detalles de montaje del Rack 2 en armario (tablero) con 600 mm de ancho

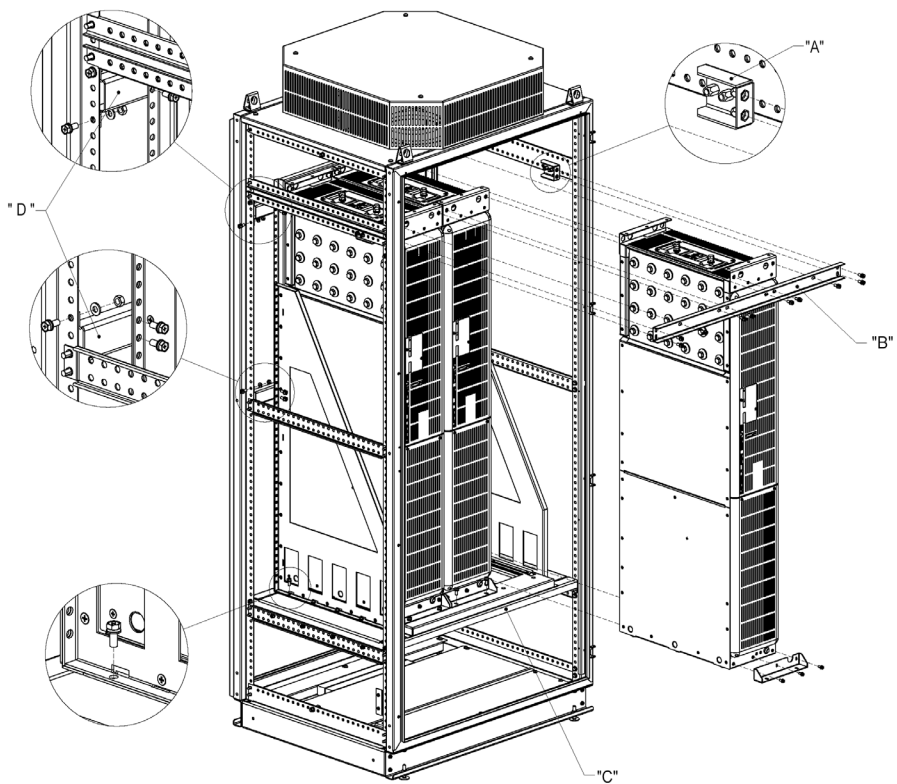


Figura 8 - Detalles de montaje del Rack 3 en armario (tablero) con 1000 mm de ancho

1. INFORMAÇÕES GERAIS

Este guia orienta a fixação dos acessórios mecânicos Rack 2 e Rack 3, usados para facilitar a fixação em painel dos retificadores e inversores em formato modular (formato “book”), linhas RMW11 e CFW-11M.

O acessório Rack 2 permite a fixação de 1 ou 2 módulos lado a lado, em painéis com 600 mm de largura.

O acessório Rack 3 permite a fixação de 1, 2 ou 3 módulos lado a lado, em painéis com 1000 mm de largura.

2. DIMENSÕES MECÂNICAS

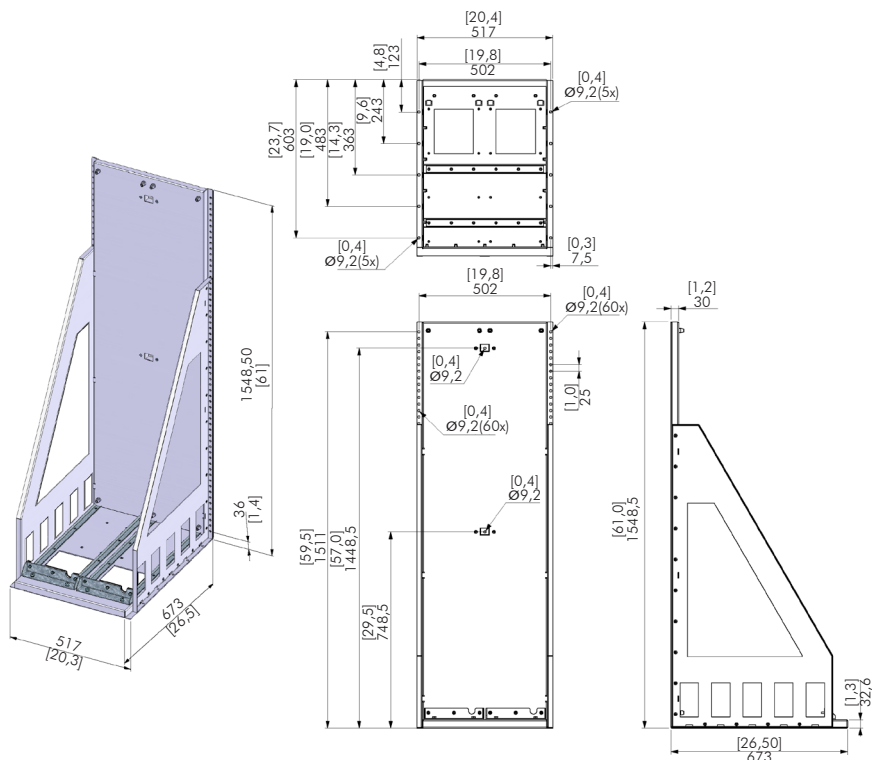


Figura 1 - Dimensões do Rack 2 em mm [pol]

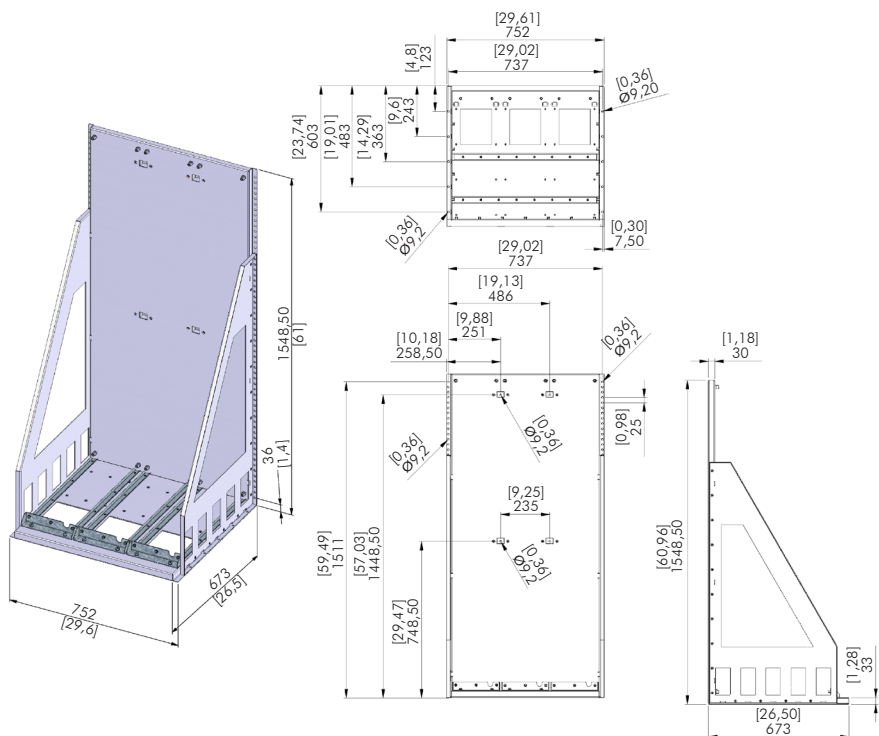


Figura 2 - Dimensões do Rack 3 em mm [pol]

3. LISTA DE PEÇAS

Tabela 1 - Lista de peças do Rack 2

RACK 2			
Posição	Material	Descrição	Quantidade
1	10883330	Suporte frontal drive	2
2	10883645	Reforço base inferior	2
3	10881923	Fechamento lateral esquerdo	1
4	10882019	Fechamento lateral direito	1
5	10883499	Suporte de fixação posterior	2
6	10882677	Fechamento posterior	1
7	10883439	Suporte guia inferior	4
8	10884139	Base rack fixo	1
9	10888136	Pino guia rosca interna	8
10	10051025	Parafuso arruelado sextavado phillips M8 x 20 mm	12
11	10254506	Parafuso escariado fenda cruz M5 x 0,8 x 14 mm	16
12	10050963	Parafuso escariado fenda cruz M6 x 1,0 x 16 mm	49
13	10412546	Parafuso arruelado sextavado phillips M6 x 16 mm	6

Tabela 2 - Lista de peças do Rack 3

RACK 3			
Posição	Material	Denominação	Quantidade
1	10883330	Suporte frontal drive	3
2	10884898	Reforço base inferior	2
3	10881923	Fechamento lateral esquerdo	1
4	10882019	Fechamento lateral direito	1
5	10883499	Suporte de fixação posterior	4
6	10884510	Fechamento posterior	1
7	10883439	Suporte guia inferior	6
8	10884757	Base rack fixo	1
9	10888136	Pino guia rosca interna	12
10	10051025	Parafuso arruelado sextavado phillips M8 x 20 mm	18
11	10254506	Parafuso escariado fenda cruz M5 x 0,8 x 14 mm	24
12	10050963	Parafuso escariado fenda cruz M6 x 1,0 x 16 mm	53
13	10412546	Parafuso arruelado sextavado phillips M6 x 16 mm	9



NOTAS!

- Torque de aperto recomendado para os parafusos M5: 5,0 N.m ± 15 %.
- Torque de aperto recomendado para os parafusos M6: 8,5 N.m ± 15 %.
- Torque de aperto recomendado para os parafusos M8: 19,0 N.m ± 15 %.

4. INSTALAÇÃO

- Montagem do RACK conforme figuras 3 e 4.
- Instalação do RACK no painel conforme figuras 7 e 8.

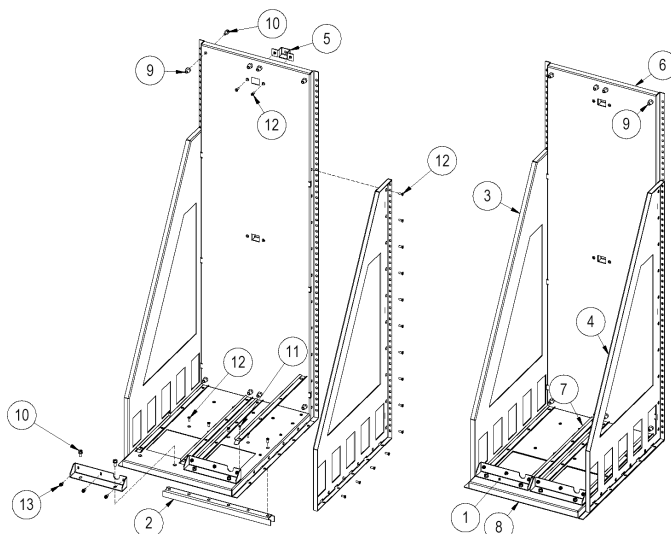


Figura 3 - Montagem do rack para 2 módulos de potência

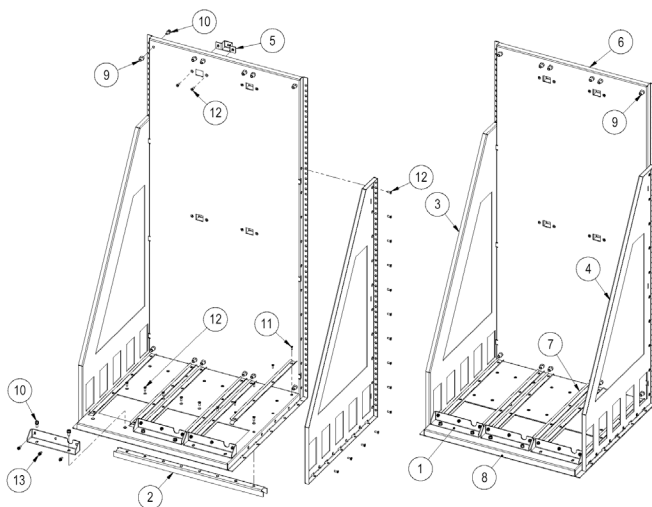


Figura 4 - Montagem do rack para 3 módulos de potência

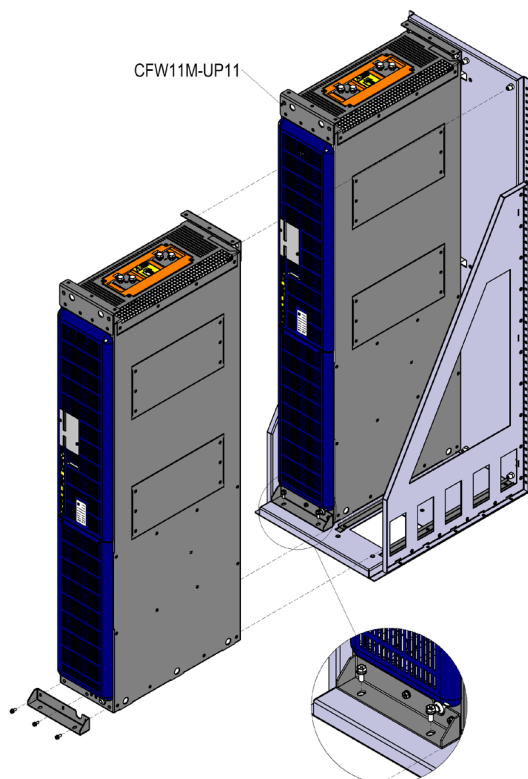


Figura 5 - Inserção dos módulos de potência no Rack 2

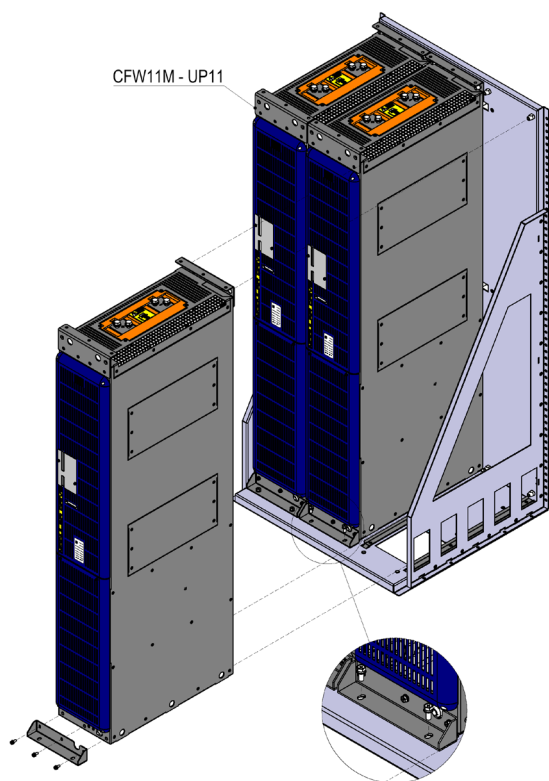


Figura 6 - Inserção dos módulos de potência no Rack 3

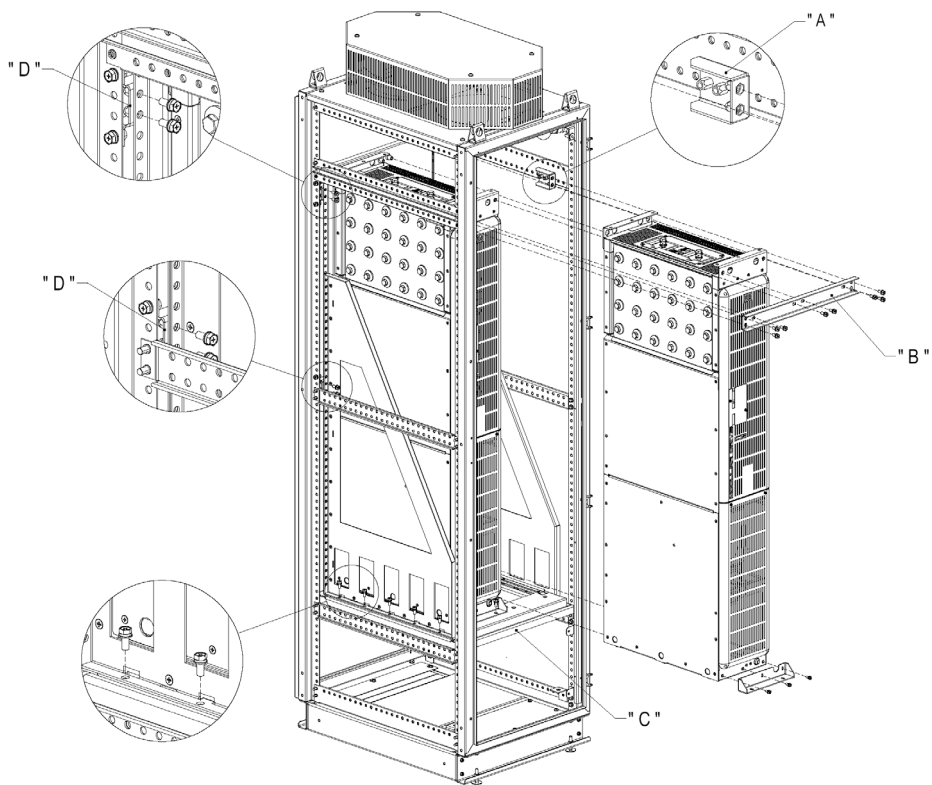


Figura 7 - Detalhes de montagem do Rack 2 em painel com 600 mm de largura

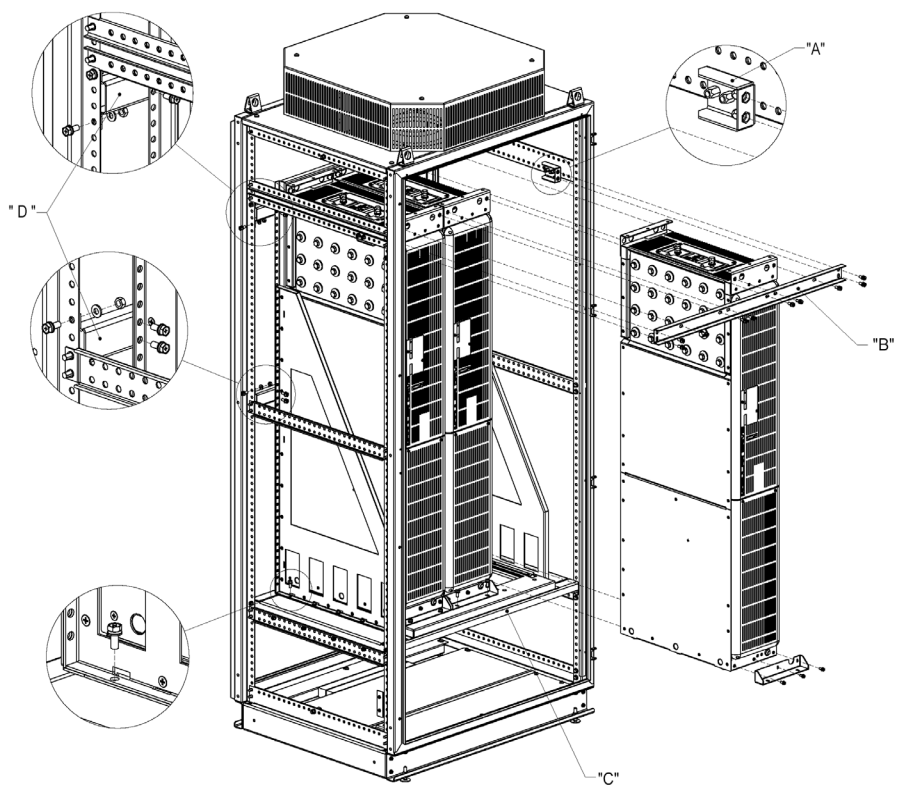


Figura 8 - Detalhes de montagem do Rack 3 em painel com 1000 mm de largura



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