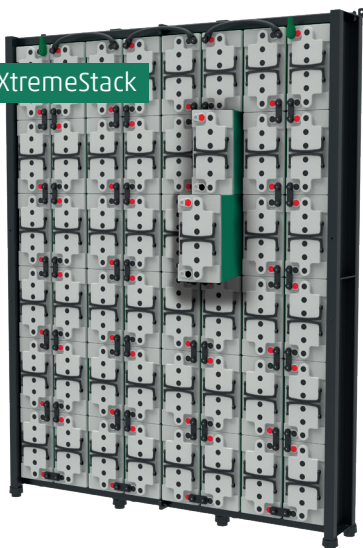


grid | XtremeStack



## DATA SHEET

### grid | XtremeStack

The grid | XtremeStack is tailored to the grid | Xtreme VR batteries in the top terminal variants. If, for example, the UPS performance requirements change, additional modules and batteries can easily be added or removed. The modular approach of grid | XtremeStack ensures optimal maintenance, scalability and flexibility.

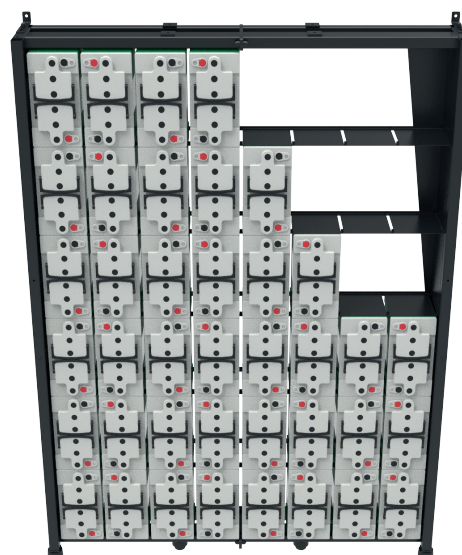
### Construction

The design of the system allows the existing floor space to be compacted over time without taking up additional square metres.

The result: Compared to conventional battery racks, the space requirement is reduced by up to 60%. The modular design of grid | XtremeStack keeps the footprint small and makes installation and commissioning easy. Standardized modules lead to fewer spare parts to stock and simplified system upgrades. The scalability and exceptionally energy-efficient design also contribute to a low total cost of ownership.

### Product specifics

Compared to conventional battery racks, the batteries in the new grid | XtremeStack are stored upright and without gaps. This unique arrangement has several advantages: It supports the function and at the same time saves space and is easy to maintain. Maximizing dimensional stability through the innovative design and the heavy-duty plastic of the battery case allows the carrying of the multiple weight of each individual battery and the elimination of the safeguard-tec.





## Construction

- ▶ Maximizing dimensional stability through the innovative design and the heavy-duty plastic of the battery case allows the carrying of the multiple weight of each individual battery.
- ▶ The intelligent use of the battery weight leads to elimination of case deformation of AGM batteries. This allows the waiver of the safeguard-tec.
- ▶ Modular and scalable compact array of batteries - the system grows and shrinks with your requirements.
- ▶ The separate intermediate layers serve as alignment or assembly aid for the correct insertion of the batteries in the frame and therefore cause the omission of horizontal support planes.
- ▶ Complies with the international standard EN 62485-2.



## Installation & Operation

- ▶ Function-supporting and at the same time space-saving and maintenance-friendly arrangement.
- ▶ Quick and easy installation in just 5 steps - low assembly effort on site.
- ▶ Low part complexity and development according to the Poka Yoke principle.
- ▶ The assembly and installation instructions for the batteries and of the racks must be strictly observed.
- ▶ Maximum space efficiency with the highest energy density.
- ▶ Easy access to batteries reduces operating costs and therefore save time and money.
- ▶ It must be ensured to always start with a Base frame per row. The full or half sections are connected laterally to the Base frame.

## grid | XtremeStack Overview

### BASIS

#### Base Frame [BF]

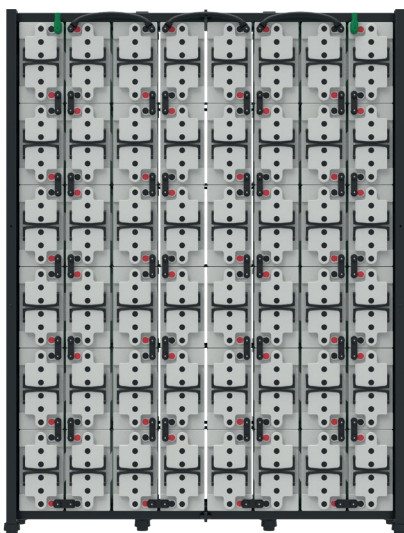


Fig. A

### EXTENSION OPTIONS

#### Full Section [FS]

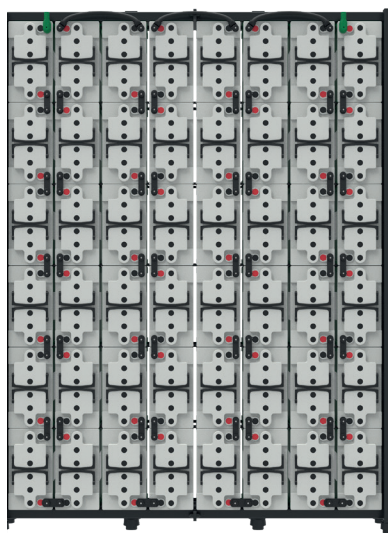


Fig. B

#### Half Section [HS]



Fig. C

and/  
or

## Type overview **grid** | XtremeStack

### **grid** | Xtreme VR 12-80 Ah

| Short description                           | Row        | Frame version | Batteries per row | Level | Dimensions*<br>L x W x H [mm] | Rack weight [kg] | Total weight incl. batteries [kg] | Load per base plate - fully loaded [kg] | Fig. |
|---------------------------------------------|------------|---------------|-------------------|-------|-------------------------------|------------------|-----------------------------------|-----------------------------------------|------|
| <b>grid</b>   XtremeStack 1R BF VR12-80 8x4 | 1 - reihig | Base Frame    | 8                 | 4     | 1606 x 244 x 1127             | 47.8             | 874.6                             | 240.5                                   | A    |
| <b>grid</b>   XtremeStack 1R FS VR12-80 8x4 | 1 - reihig | Full Section  | 8                 | 4     | 1536 x 244 x 1127             | 40.5             | 867.3                             | 238.5                                   | B    |
| <b>grid</b>   XtremeStack 1R HS VR12-80 4x4 | 1 - reihig | Half Section  | 4                 | 4     | 803 x 244 x 1127              | 23.9             | 437.3                             | 240.5                                   | C    |
| <b>grid</b>   XtremeStack 1R BF VR12-80 8x5 | 1 - reihig | Base Frame    | 8                 | 5     | 1606 x 244 x 1383             | 59.0             | 1092.5                            | 300.4                                   | A    |
| <b>grid</b>   XtremeStack 1R FS VR12-80 8x5 | 1 - reihig | Full Section  | 8                 | 5     | 1536 x 244 x 1383             | 50.0             | 1083.5                            | 298.0                                   | B    |
| <b>grid</b>   XtremeStack 1R HS VR12-80 4x5 | 1 - reihig | Half Section  | 4                 | 5     | 803 x 244 x 1383              | 29.5             | 546.3                             | 300.4                                   | C    |
| <b>grid</b>   XtremeStack 1R BF VR12-80 8x6 | 1 - reihig | Base Frame    | 8                 | 6     | 1606 x 244 x 1641             | 61.5             | 1301.7                            | 358.0                                   | A    |
| <b>grid</b>   XtremeStack 1R FS VR12-80 8x6 | 1 - reihig | Full Section  | 8                 | 6     | 1536 x 244 x 1641             | 51.0             | 1291.2                            | 355.1                                   | B    |
| <b>grid</b>   XtremeStack 1R HS VR12-80 4x6 | 1 - reihig | Half Section  | 4                 | 6     | 803 x 244 x 1641              | 30.8             | 650.9                             | 358.0                                   | C    |
| <b>grid</b>   XtremeStack 1R BF VR12-80 8x7 | 1 - reihig | Base Frame    | 8                 | 7     | 1606 x 244 x 1897             | 64.4             | 1511.3                            | 415.6                                   | A    |
| <b>grid</b>   XtremeStack 1R FS VR12-80 8x7 | 1 - reihig | Full Section  | 8                 | 7     | 1536 x 244 x 1897             | 52.3             | 1499.2                            | 412.3                                   | B    |
| <b>grid</b>   XtremeStack 1R HS VR12-80 4x7 | 1 - reihig | Half Section  | 4                 | 7     | 803 x 244 x 1897              | 32.2             | 755.2                             | 415.3                                   | C    |
| <b>grid</b>   XtremeStack 1R BF VR12-80 8x8 | 1 - reihig | Base Frame    | 8                 | 8     | 1606 x 244 x 2153             | 73.4             | 1727.0                            | 474.9                                   | A    |
| <b>grid</b>   XtremeStack 1R FS VR12-80 8x8 | 1 - reihig | Full Section  | 8                 | 8     | 1536 x 244 x 2153             | 59.6             | 1713.2                            | 471.1                                   | B    |
| <b>grid</b>   XtremeStack 1R HS VR12-80 4x8 | 1 - reihig | Half Section  | 4                 | 8     | 803 x 244 x 2153              | 36.7             | 863.5                             | 474.9                                   | C    |
| <b>grid</b>   XtremeStack 2R BF VR12-80 8x4 | 2 - reihig | Base Frame    | 8                 | 4     | 1606 x 488 x 1127             | 86.7             | 1740.3                            | 478.6                                   | A    |
| <b>grid</b>   XtremeStack 2R FS VR12-80 8x4 | 2 - reihig | Full Section  | 8                 | 4     | 1536 x 488 x 1127             | 71.2             | 1724.8                            | 474.3                                   | B    |
| <b>grid</b>   XtremeStack 2R HS VR12-80 4x4 | 2 - reihig | Half Section  | 4                 | 4     | 803 x 488 x 1127              | 43.3             | 870.1                             | 478.6                                   | C    |
| <b>grid</b>   XtremeStack 2R BF VR12-80 8x5 | 2 - reihig | Base Frame    | 8                 | 5     | 1606 x 488 x 1383             | 107.0            | 2174.0                            | 597.9                                   | A    |
| <b>grid</b>   XtremeStack 2R FS VR12-80 8x5 | 2 - reihig | Full Section  | 8                 | 5     | 1536 x 488 x 1383             | 87.9             | 2154.9                            | 592.6                                   | B    |
| <b>grid</b>   XtremeStack 2R HS VR12-80 4x5 | 2 - reihig | Half Section  | 4                 | 5     | 803 x 488 x 1383              | 53.5             | 1087.0                            | 597.9                                   | C    |
| <b>grid</b>   XtremeStack 2R BF VR12-80 8x6 | 2 - reihig | Base Frame    | 8                 | 6     | 1606 x 488 x 1641             | 127.3            | 2607.7                            | 717.1                                   | A    |
| <b>grid</b>   XtremeStack 2R FS VR12-80 8x6 | 2 - reihig | Full Section  | 8                 | 6     | 1536 x 488 x 1641             | 104.6            | 2585.0                            | 710.9                                   | B    |
| <b>grid</b>   XtremeStack 2R HS VR12-80 4x6 | 2 - reihig | Half Section  | 4                 | 6     | 803 x 488 x 1641              | 63.7             | 1303.9                            | 717.1                                   | C    |
| <b>grid</b>   XtremeStack 2R BF VR12-80 8x7 | 2 - reihig | Base Frame    | 8                 | 7     | 1606 x 488 x 1895             | 146.6            | 3040.4                            | 836.1                                   | A    |
| <b>grid</b>   XtremeStack 2R FS VR12-80 8x7 | 2 - reihig | Full Section  | 8                 | 7     | 1536 x 488 x 1895             | 120.4            | 3014.2                            | 828.9                                   | B    |
| <b>grid</b>   XtremeStack 2R HS VR12-80 4x7 | 2 - reihig | Half Section  | 4                 | 7     | 803 x 488 x 1895              | 73.3             | 1520.3                            | 836.2                                   | C    |
| <b>grid</b>   XtremeStack 2R BF VR12-80 8x8 | 2 - reihig | Base Frame    | 8                 | 8     | 1606 x 488 x 2153             | 166.9            | 3474.1                            | 955.4                                   | A    |
| <b>grid</b>   XtremeStack 2R FS VR12-80 8x8 | 2 - reihig | Full Section  | 8                 | 8     | 1536 x 488 x 2153             | 137.1            | 3444.3                            | 947.2                                   | B    |
| <b>grid</b>   XtremeStack 2R HS VR12-80 4x8 | 2 - reihig | Half Section  | 4                 | 8     | 803 x 488 x 2153              | 83.5             | 1737.1                            | 955.4                                   | C    |

\*with **grid** | Xtreme VR batteries

## Type overview **grid** | XtremeStack

### grid | Xtreme VR 12-110 Ah

| Short description                            | Row        | Frame version | Batteries per row | Level | Dimensions*<br>L x W x H [mm] | Rack weight [kg] | Total weight incl. batteries [kg] | Load per base plate - fully loaded [kg] | Fig. |
|----------------------------------------------|------------|---------------|-------------------|-------|-------------------------------|------------------|-----------------------------------|-----------------------------------------|------|
| <b>grid</b>   XtremeStack 1R BF VR12-110 8x4 | 1 - reihig | Base Frame    | 8                 | 4     | 1606 x 244 x 1390             | 59.0             | 1149.7                            | 316.2                                   | A    |
| <b>grid</b>   XtremeStack 1R FS VR12-110 8x4 | 1 - reihig | Full Section  | 8                 | 4     | 1536 x 244 x 1390             | 50.0             | 1140.7                            | 313.7                                   | B    |
| <b>grid</b>   XtremeStack 1R HS VR12-110 4x4 | 1 - reihig | Half Section  | 4                 | 4     | 803 x 244 x 1390              | 29.5             | 574.9                             | 316.3                                   | C    |
| <b>grid</b>   XtremeStack 1R BF VR12-110 8x5 | 1 - reihig | Base Frame    | 8                 | 5     | 1606 x 244 x 1712             | 64.1             | 1427.5                            | 392.6                                   | A    |
| <b>grid</b>   XtremeStack 1R FS VR12-110 8x5 | 1 - reihig | Full Section  | 8                 | 5     | 1536 x 244 x 1712             | 53.1             | 1416.5                            | 389.5                                   | B    |
| <b>grid</b>   XtremeStack 1R HS VR12-110 4x5 | 1 - reihig | Half Section  | 4                 | 5     | 803 x 244 x 1712              | 32.1             | 713.8                             | 392.7                                   | C    |
| <b>grid</b>   XtremeStack 1R BF VR12-110 8x6 | 1 - reihig | Base Frame    | 8                 | 6     | 1606 x 244 x 2034             | 69.2             | 1705.3                            | 469.0                                   | A    |
| <b>grid</b>   XtremeStack 1R FS VR12-110 8x6 | 1 - reihig | Full Section  | 8                 | 6     | 1536 x 244 x 2034             | 56.2             | 1692.3                            | 465.4                                   | B    |
| <b>grid</b>   XtremeStack 1R HS VR12-110 4x6 | 1 - reihig | Half Section  | 4                 | 6     | 803 x 244 x 2034              | 34.6             | 852.6                             | 469.0                                   | C    |
| <b>grid</b>   XtremeStack 2R BF VR12-110 8x4 | 2 - reihig | Base Frame    | 8                 | 4     | 1606 x 488 x 1390             | 107.0            | 2288.5                            | 629.3                                   | A    |
| <b>grid</b>   XtremeStack 2R FS VR12-110 8x4 | 2 - reihig | Full Section  | 8                 | 4     | 1536 x 488 x 1390             | 57.9             | 2269.4                            | 624.1                                   | B    |
| <b>grid</b>   XtremeStack 2R HS VR12-110 4x4 | 2 - reihig | Half Section  | 4                 | 4     | 803 x 488 x 1390              | 53.5             | 1144.2                            | 629.3                                   | C    |
| <b>grid</b>   XtremeStack 2R BF VR12-110 8x5 | 2 - reihig | Base Frame    | 8                 | 5     | 1606 x 488 x 1712             | 115.8            | 2842.6                            | 781.7                                   | A    |
| <b>grid</b>   XtremeStack 2R FS VR12-110 8x5 | 2 - reihig | Full Section  | 8                 | 5     | 1536 x 488 x 1712             | 97.2             | 2824.0                            | 776.6                                   | B    |
| <b>grid</b>   XtremeStack 2R HS VR12-110 4x5 | 2 - reihig | Half Section  | 4                 | 5     | 803 x 488 x 1712              | 57.9             | 1421.3                            | 781.7                                   | C    |
| <b>grid</b>   XtremeStack 2R BF VR12-110 8x6 | 2 - reihig | Base Frame    | 8                 | 6     | 1606 x 488 x 2034             | 124.6            | 3396.8                            | 934.1                                   | A    |
| <b>grid</b>   XtremeStack 2R FS VR12-110 8x6 | 2 - reihig | Full Section  | 8                 | 6     | 1536 x 488 x 2034             | 102.7            | 3374.9                            | 928.1                                   | B    |
| <b>grid</b>   XtremeStack 2R HS VR12-110 4x6 | 2 - reihig | Half Section  | 4                 | 6     | 803 x 488 x 2034              | 62.3             | 1698.4                            | 934.1                                   | C    |

## Type overview **grid** | XtremeStack

### grid | Xtreme VR 12-130 Ah

| Short description                            | Row        | Frame version | Batteries per row | Level | Dimensions*<br>L x W x H [mm] | Rack weight [kg] | Total weight incl. batteries [kg] | Load per base plate - fully loaded [kg] | Fig. |
|----------------------------------------------|------------|---------------|-------------------|-------|-------------------------------|------------------|-----------------------------------|-----------------------------------------|------|
| <b>grid</b>   XtremeStack 1R BF VR12-130 8x4 | 1 - reihig | Base Frame    | 8                 | 4     | 1606x294x1390                 | 59.0             | 1425.4                            | 392.0                                   | A    |
| <b>grid</b>   XtremeStack 1R FS VR12-130 8x4 | 1 - reihig | Full Section  | 8                 | 4     | 1536x294x1390                 | 50.0             | 1416.4                            | 389.5                                   | B    |
| <b>grid</b>   XtremeStack 1R HS VR12-130 4x4 | 1 - reihig | Half Section  | 4                 | 4     | 803x294x1390                  | 29.5             | 712.7                             | 392.0                                   | C    |
| <b>grid</b>   XtremeStack 1R BF VR12-130 8x5 | 1 - reihig | Base Frame    | 8                 | 5     | 1606x294x1712                 | 64.1             | 1772.1                            | 487.3                                   | A    |
| <b>grid</b>   XtremeStack 1R FS VR12-130 8x5 | 1 - reihig | Full Section  | 8                 | 5     | 1536x294x1712                 | 53.1             | 1761.1                            | 484.3                                   | B    |
| <b>grid</b>   XtremeStack 1R HS VR12-130 4x5 | 1 - reihig | Half Section  | 4                 | 5     | 803x294x1712                  | 32.1             | 886.05                            | 487.3                                   | C    |
| <b>grid</b>   XtremeStack 1R BF VR12-130 8x6 | 1 - reihig | Base Frame    | 8                 | 6     | 1606x294x2034                 | 69.2             | 2118.8                            | 582.7                                   | A    |
| <b>grid</b>   XtremeStack 1R FS VR12-130 8x6 | 1 - reihig | Full Section  | 8                 | 6     | 1536x294x2034                 | 56.2             | 2105.8                            | 579.1                                   | B    |
| <b>grid</b>   XtremeStack 1R HS VR12-130 4x6 | 1 - reihig | Half Section  | 4                 | 6     | 803x294x2034                  | 34.6             | 1059.4                            | 582.7                                   | C    |
| <b>grid</b>   XtremeStack 2R BF VR12-130 8x4 | 2 - reihig | Base Frame    | 8                 | 4     | 1606x588x1390                 | 107.0            | 2839.8                            | 780.9                                   | A    |
| <b>grid</b>   XtremeStack 2R FS VR12-130 8x4 | 2 - reihig | Full Section  | 8                 | 4     | 1536x588x1390                 | 87.9             | 2820.7                            | 775.7                                   | B    |
| <b>grid</b>   XtremeStack 2R HS VR12-130 4x4 | 2 - reihig | Half Section  | 4                 | 4     | 803x588x1390                  | 53.5             | 1419.9                            | 780.9                                   | C    |
| <b>grid</b>   XtremeStack 2R BF VR12-130 8x5 | 2 - reihig | Base Frame    | 8                 | 5     | 1606x588x1712                 | 115.8            | 3531.8                            | 971.2                                   | A    |
| <b>grid</b>   XtremeStack 2R FS VR12-130 8x5 | 2 - reihig | Full Section  | 8                 | 5     | 1536x588x1712                 | 97.2             | 3513.2                            | 966.1                                   | B    |
| <b>grid</b>   XtremeStack 2R HS VR12-130 4x5 | 2 - reihig | Half Section  | 4                 | 5     | 803x588x1712                  | 57.9             | 1765.9                            | 971.2                                   | C    |
| <b>grid</b>   XtremeStack 2R BF VR12-130 8x6 | 2 - reihig | Base Frame    | 8                 | 6     | 1606x588x2034                 | 124.6            | 4223.8                            | 1161.5                                  | A    |
| <b>grid</b>   XtremeStack 2R FS VR12-130 8x6 | 2 - reihig | Full Section  | 8                 | 6     | 1536x588x2034                 | 102.7            | 4201.9                            | 1155.5                                  | B    |
| <b>grid</b>   XtremeStack 2R HS VR12-130 4x6 | 2 - reihig | Half Section  | 4                 | 6     | 803x588x2034                  | 62.3             | 2111.9                            | 1161.5                                  | C    |

\*mit grid | Xtreme VR Batterien

## Type overview **grid** | XtremeStack

### grid | Xtreme VR 12-150 Ah

| Short description                            | Row        | Frame version | Batteries per row | Level | Dimensions*<br>L x W x H [mm] | Rack weight [kg] | Total weight incl. batteries [kg] | Load per base plate - fully loaded [kg] | Fig. |
|----------------------------------------------|------------|---------------|-------------------|-------|-------------------------------|------------------|-----------------------------------|-----------------------------------------|------|
| <b>grid</b>   XtremeStack 1R BF VR12-150 8x4 | 1 - reihig | Base Frame    | 8                 | 4     | 1606 x 294 x 1548             | 61.2             | 1552.4                            | 426.9                                   | A    |
| <b>grid</b>   XtremeStack 1R FS VR12-150 8x4 | 1 - reihig | Full Section  | 8                 | 4     | 1536 x 294 x 1548             | 51.1             | 1542.3                            | 424.1                                   | B    |
| <b>grid</b>   XtremeStack 1R HS VR12-150 4x4 | 1 - reihig | Half Section  | 4                 | 4     | 803 x 294 x 1548              | 30.6             | 776.2                             | 426.9                                   | C    |
| <b>grid</b>   XtremeStack 1R BF VR12-150 8x5 | 1 - reihig | Base Frame    | 8                 | 5     | 1606 x 294 x 1908             | 66.7             | 1930.7                            | 530.9                                   | A    |
| <b>grid</b>   XtremeStack 1R FS VR12-150 8x5 | 1 - reihig | Full Section  | 8                 | 5     | 1536 x 294 x 1908             | 54.4             | 1918.4                            | 527.6                                   | B    |
| <b>grid</b>   XtremeStack 1R HS VR12-150 4x5 | 1 - reihig | Half Section  | 4                 | 5     | 803 x 294 x 1908              | 33.4             | 965.4                             | 530.9                                   | C    |
| <b>grid</b>   XtremeStack 1R BF VR12-150 8x6 | 1 - reihig | Base Frame    | 8                 | 6     | 1606 x 294 x 2268             | 72.4             | 2309.2                            | 635.0                                   | A    |
| <b>grid</b>   XtremeStack 1R FS VR12-150 8x6 | 1 - reihig | Full Section  | 8                 | 6     | 1536 x 294 x 2268             | 57.8             | 2294.6                            | 631.0                                   | B    |
| <b>grid</b>   XtremeStack 1R HS VR12-150 4x6 | 1 - reihig | Half Section  | 4                 | 6     | 803 x 294 x 2268              | 36.2             | 1154.6                            | 635.0                                   | C    |
| <b>grid</b>   XtremeStack 2R BF VR12-150 8x4 | 2 - reihig | Base Frame    | 8                 | 4     | 1606 x 588 x 1548             | 112.4            | 3094.8                            | 851.1                                   | A    |
| <b>grid</b>   XtremeStack 2R FS VR12-150 8x4 | 2 - reihig | Full Section  | 8                 | 4     | 1536 x 588 x 1548             | 94.4             | 3076.8                            | 846.1                                   | B    |
| <b>grid</b>   XtremeStack 2R HS VR12-150 4x4 | 2 - reihig | Half Section  | 4                 | 4     | 803 x 588 x 1548              | 56.2             | 1547.4                            | 851.1                                   | C    |
| <b>grid</b>   XtremeStack 2R BF VR12-110 8x5 | 2 - reihig | Base Frame    | 8                 | 5     | 1606 x 588 x 1908             | 121.8            | 3849.8                            | 1058.7                                  | A    |
| <b>grid</b>   XtremeStack 2R FS VR12-150 8x5 | 2 - reihig | Full Section  | 8                 | 5     | 1536 x 588 x 1908             | 100.2            | 3828.2                            | 1052.8                                  | B    |
| <b>grid</b>   XtremeStack 2R HS VR12-150 4x5 | 2 - reihig | Half Section  | 4                 | 5     | 803 x 588 x 1908              | 60.9             | 1924.9                            | 1058.7                                  | C    |
| <b>grid</b>   XtremeStack 2R BF VR12-150 8x6 | 2 - reihig | Base Frame    | 8                 | 6     | 1606 x 588 x 2268             | 131.2            | 4604.8                            | 1266.3                                  | A    |
| <b>grid</b>   XtremeStack 2R FS VR12-150 8x6 | 2 - reihig | Full Section  | 8                 | 6     | 1536 x 588 x 2268             | 106.0            | 4579.6                            | 1259.4                                  | B    |
| <b>grid</b>   XtremeStack 2R HS VR12-150 4x6 | 2 - reihig | Half Section  | 4                 | 6     | 803 x 588 x 2268              | 65.6             | 2302.4                            | 1266.3                                  | C    |

## Type overview **grid** | XtremeStack

### grid | Xtreme VR 12-170 Ah

| Short description                            | Row        | Frame version | Batteries per row | Level | Dimensions*<br>L x W x H [mm] | Rack weight [kg] | Total weight incl. batteries [kg] | Load per base plate - fully loaded [kg] | Fig. |
|----------------------------------------------|------------|---------------|-------------------|-------|-------------------------------|------------------|-----------------------------------|-----------------------------------------|------|
| <b>grid</b>   XtremeStack 1R BF VR12-170 8x4 | 1 - reihig | Base Frame    | 8                 | 4     | 1606 x 244 x 2100             | 68.0             | 1712.3                            | 471.0                                   | A    |
| <b>grid</b>   XtremeStack 1R FS VR12-170 8x4 | 1 - reihig | Full Section  | 8                 | 4     | 1536 x 244 x 2100             | 54.5             | 1698.8                            | 467.3                                   | B    |
| <b>grid</b>   XtremeStack 1R HS VR12-170 4x4 | 1 - reihig | Half Section  | 4                 | 4     | 803 x 244 x 2100              | 34.0             | 856.2                             | 471.0                                   | C    |
| <b>grid</b>   XtremeStack 1R BF VR12-170 8x5 | 1 - reihig | Base Frame    | 8                 | 5     | 1606 x 244 x 2600             | 78.2             | 2133.6                            | 586.9                                   | A    |
| <b>grid</b>   XtremeStack 1R FS VR12-170 8x5 | 1 - reihig | Full Section  | 8                 | 5     | 1536 x 244 x 2600             | 64.7             | 2120.1                            | 583.2                                   | B    |
| <b>grid</b>   XtremeStack 1R HS VR12-170 4x5 | 1 - reihig | Half Section  | 4                 | 5     | 803 x 244 x 2600              | 43.7             | 1066.8                            | 589.9                                   | C    |
| <b>grid</b>   XtremeStack 2R BF VR12-170 8x4 | 2 - reihig | Base Frame    | 8                 | 4     | 1606 x 488 x 2100             | 123.4            | 3412.1                            | 938.3                                   | A    |
| <b>grid</b>   XtremeStack 2R FS VR12-170 8x4 | 2 - reihig | Full Section  | 8                 | 4     | 1536 x 488 x 2100             | 99.9             | 3388.6                            | 931.9                                   | B    |
| <b>grid</b>   XtremeStack 2R HS VR12-170 4x4 | 2 - reihig | Half Section  | 4                 | 4     | 803 x 488 x 2100              | 61.7             | 1706.0                            | 938.3                                   | C    |
| <b>grid</b>   XtremeStack 2R BF VR12-170 8x5 | 2 - reihig | Base Frame    | 8                 | 5     | 1606 x 488 x 2600             | 143.6            | 4254.4                            | 1170.0                                  | A    |
| <b>grid</b>   XtremeStack 2R FS VR12-170 8x5 | 2 - reihig | Full Section  | 8                 | 5     | 1536 x 488 x 2600             | 120.1            | 4230.9                            | 1163.5                                  | B    |
| <b>grid</b>   XtremeStack 2R HS VR12-170 4x5 | 2 - reihig | Half Section  | 4                 | 5     | 803 x 488 x 2600              | 80.8             | 2127.2                            | 1170.0                                  | C    |

\* with grid | Xtreme VR batteries

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