

 
grid | XtremeStack
Innovative Stapelvorrichtung
Innovative stacking system

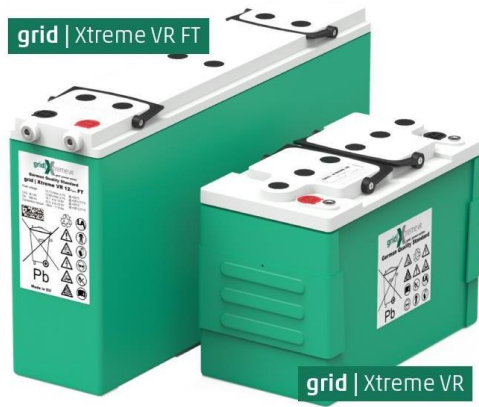
Innovation made
in germany.

technology, features,
foot print, benefits

grid | XtremeStack- system solution

grid | Xtreme VR for Data Center

pure-lead-batteries



필요한 사항:

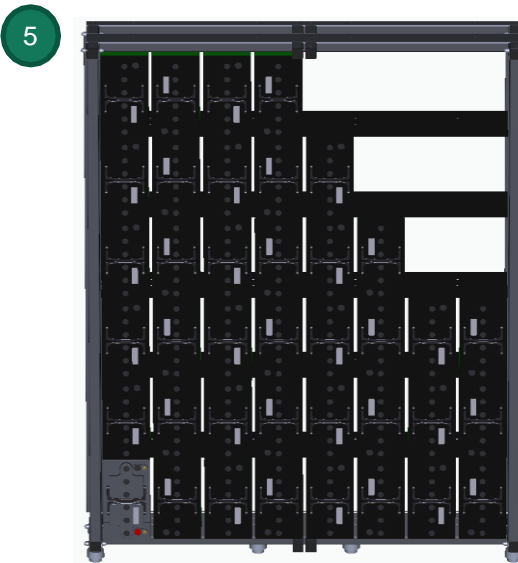
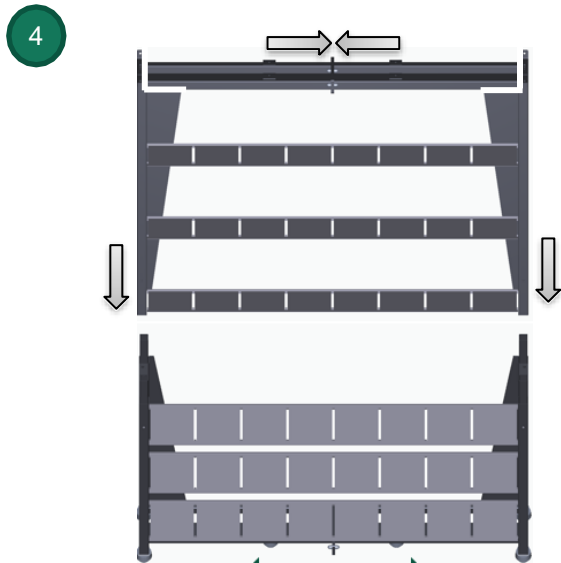
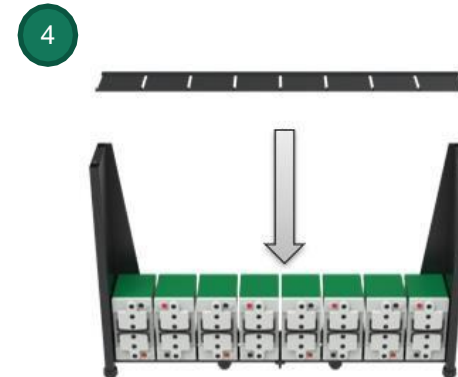
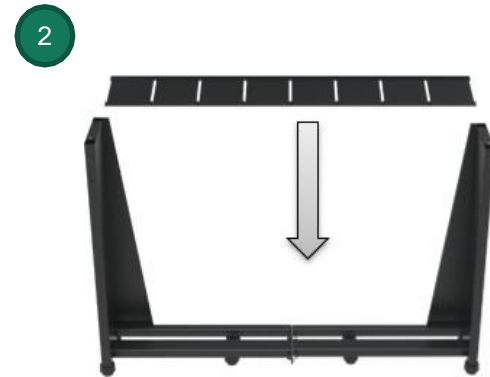
- 높은 성능
- 작은 공간
- 짧은 조립 시간
- 좋은 가용성

해결 방안:

- Grid | Xtreme TT
- 새로운 랙 디자인

grid | XtremeStack

technology



특허 출원

Technology



극도로 간편한 디자인:

- Plug-in 모듈
- 간격 / 위치 보조
- 볼트 조임용 프레임 받침
- 길이조정 가능 지지대

Value Proposal



- 최소 공간
- 높은 밀집도
- 용이한 설치
- grid | Xtreme VR 최적화

grid | XtremeStack

foot print comparison - grid Xtreme 48x VR 110Ah

assumption

Performance comparison

at 10min / 1,65V/Z

Grid Xtreme 12-110 TT power
- 600W/Z Block 3.6kW

⇒ **20% more power as the FT**

⇒ **18% cost reduction to the FT**

In Comparison:

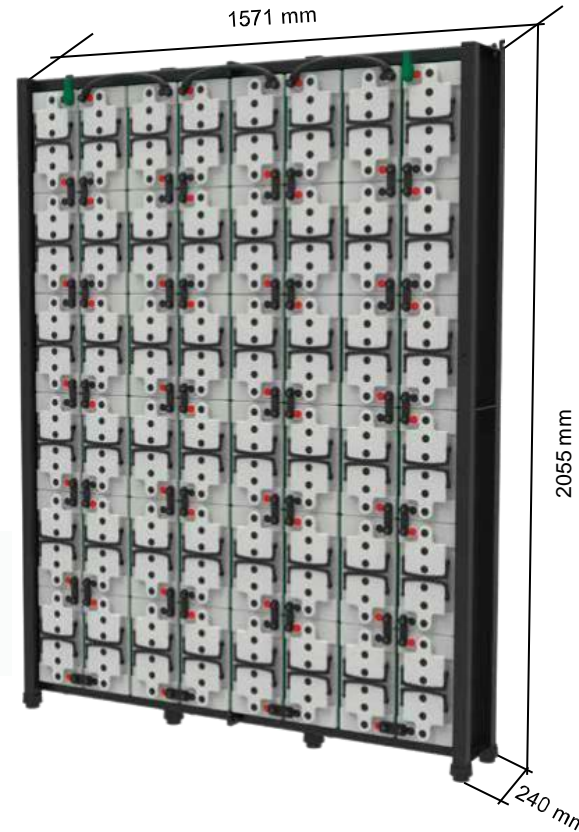
Grid Xtreme 12-110 FT (increased performance) power - 500W/Z Block 3.0kW

classic model



Footprint:	0,949 m ²	room- volume:	1,997 m ³	power:	86,53 KW/ m ³
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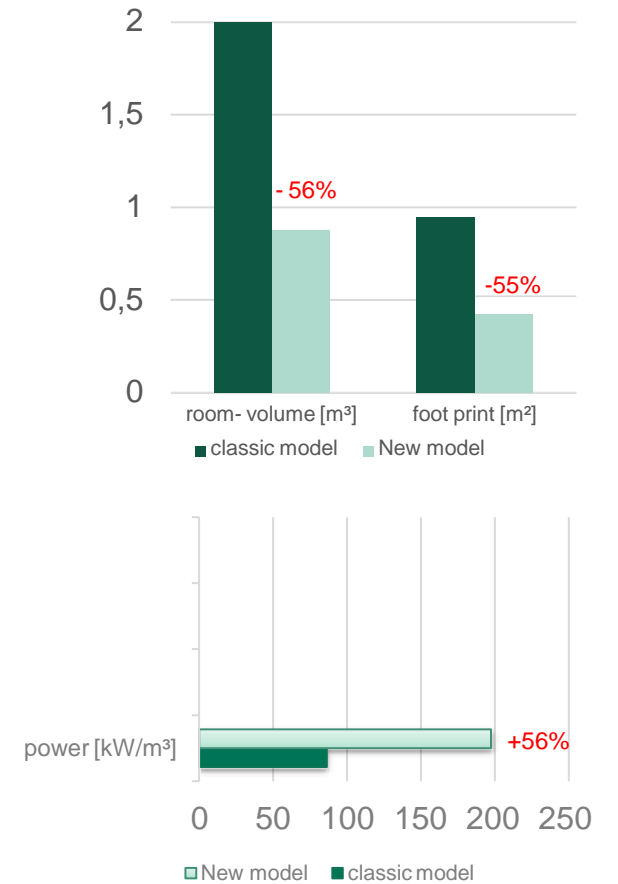
New standard model



foot print:	0,424 m ²	room- volume:	0,875 m ³	power:	197,49 KW/ m ³
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Comparison



XtremeStack- Overview

A: Basic frame [BF]

B: Full section [FS]

C: Half section [HS]

2. Row

1. Row

48 / 96x batteries
6 level

40 / 80x batteries
5 level

32 / 64x batteries
4 level



grid | XtremeStack의 장점

배터리에 먼지가 쌓이지 않음
(배터리의 수명을 늘리고 유지보수
비용 감소)



한눈에 감시할 수 있는 집적된
모듈형 배터리 배열



면적당 차지하는 무게 적음

