

# Xr48

Expandable Power Management

The Xr48 is an upgradable and comprehensive power management system that both serves and protects. The Xr48 can be upgraded with additional functionality making it truly a game-changer in power distribution.

## The benefits are clear

- 2x the load capacity
- 2x the cable length handling
- 100% capacity at all temperatures
- No nuisance tripping
- Fast acting overvoltage protection

Possible upgrades includes load- and leakage current monitoring and zero-crossing load switching of the main outputs. Both options in blocks of 6 outputs.

Like all StageSmarts products, the Xr48 is compliant with all applicable EN, VDE and BS norms as well as CE and UKCA certified.



# Xr48

Expandable Power Management

The Xr48 is a unique, comprehensive and expandable power management system that goes far beyond conventional power distribution. The modular approach makes a wide range of configurations possible and additional features and functionality can even be added later.

With the height of only 18U (800mm), the Xr48 is portable enough to be used almost anywhere. Servicing and maintenance is facilitated through the use of easily removable panels.

- Protect
- Monitor
- Control
- Communicate

## High Performance RCBOS

- 100% temperature stable
- Superior load and cable length handling
- 30mA A-type residual current protection
- Instant re-setting (no cool down time)
- VDE approved
- 1P+N type breaker

## User Interface

- Colour touchscreen with encoder wheel and return button
- Handles local settings
- USB-C port enables system setup without mains power

## Load monitoring (optional)

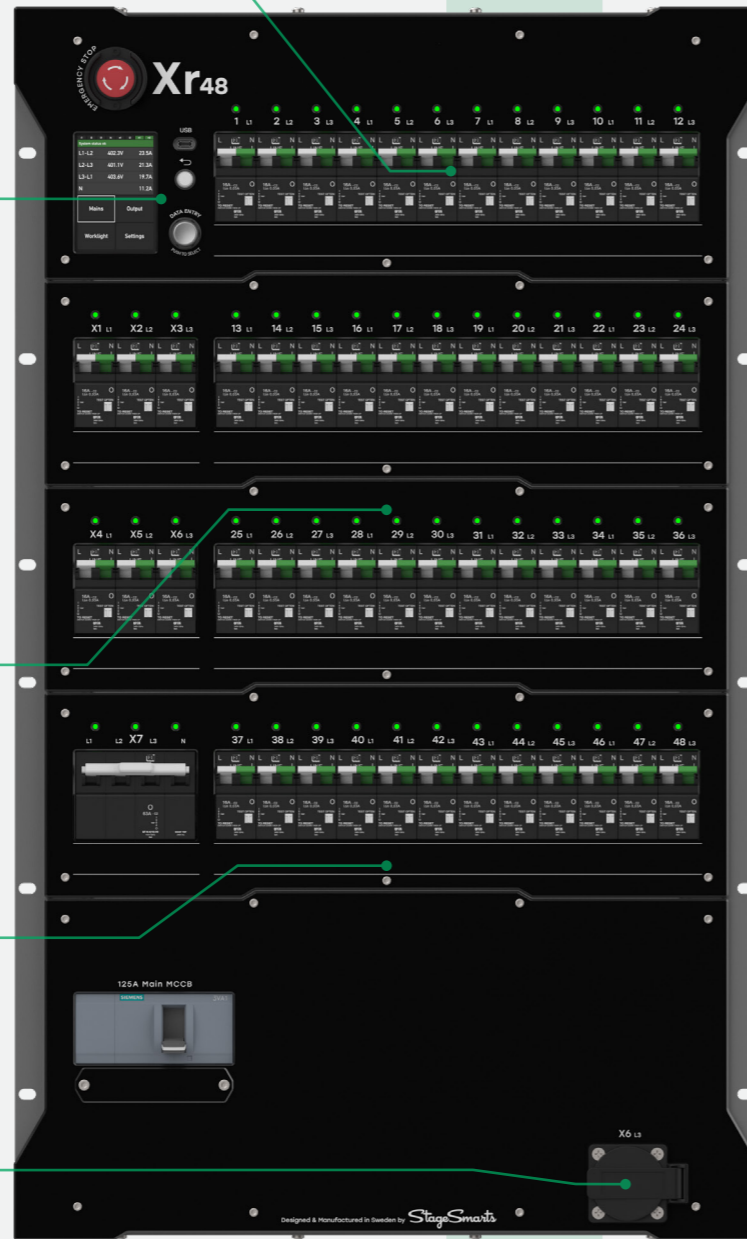
- Individual current monitoring
- Individual residual current monitoring
- LED indicators and remote monitoring

## Easy Access

- Front panels can be removed for easy maintenance or service

## Convenience Outlet

- For powering laptop, phone charger etc
- Multiple connector options including Neutrik True1 TOP



## GPIO (optional)

- For external interfacing
- User configurable functionality
- Isolated inputs x 4
- Solid State Relay outputs x 2

## Aux 1-phase Outputs

- 16 or 32A capacity
- Multiple connector options possible

## Main Outputs

- 16A capacity
- Multiple connector options incl 19-pole 'Soca' and Harting Neutrik True 1

## Aux 3-phase Outputs

- 16,32, 40 and 63A option capacity
- Multiple connector options incl CEE and Wilco (AU)

## Input Options

- Powerlock type (with 250A adjustable MCCB)
- CEE 125A (with 125A switch disconnector)

## External Grounding (PE)

- Harting GND or M8 stud (or mix)

## Base Unit

- Main energy metering
- Touchscreen user interface
- Adjustable overvoltage protection with feedback
- Dual dimmable worklight outputs (12V)
- Programmable RCD protection for the 3-phase outputs

## System Processor (optional)

- Expanded user interface functionality
- Battery backed-up communication
- USB-C powered setup without mains power
- Dual configurable Ethernet ports for independent monitoring and control networks.

## Load Monitor (optional)

- Load current monitoring
- Residual current (leakage) monitoring
- Intelligent fault assistance
- Trend notifications and alerts

## Load Switch (optional)

- Zero-cross switching of the main outputs
- Local control through UI
- Remote control through sACN & ArtNet
- Supports sACN and ArtNet protocols
- Programmable power sequencing

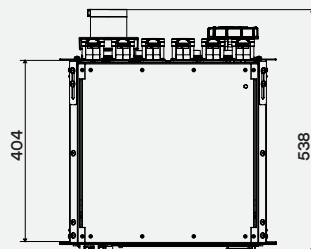
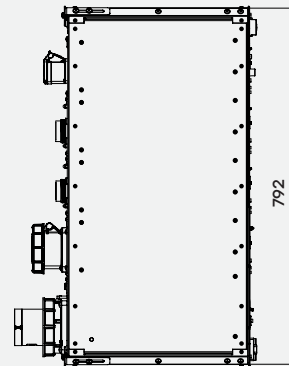
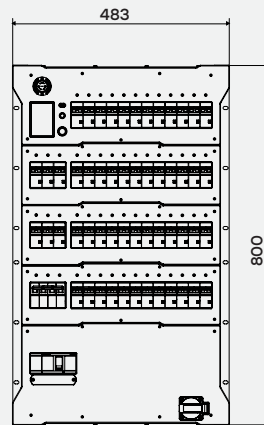
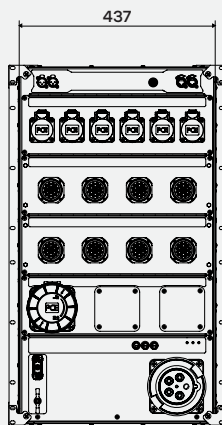
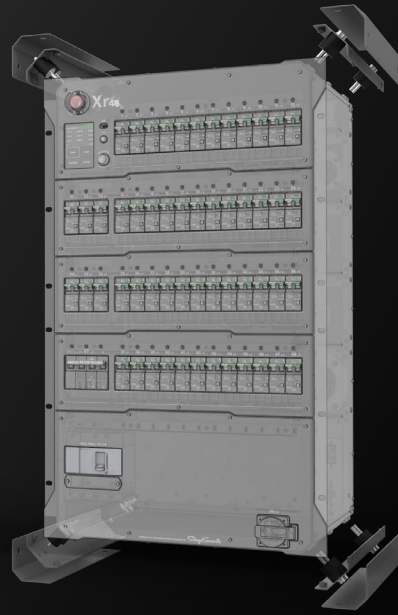
# Xr48

## Expandable Power Management

The xr48 has been designed for the challenging world of touring. Its light yet strong all-steel chassis can be supplied with standard 19" rack mount or with a shock-absorbing suspension system.

The flexibility of the X-series means it can be supplied in a wide range of variants, from basic to fully featured.

Let us know what you need!



All dimensions in mm

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