

# XR48

## TECHNICAL SPECIFICATIONS

|                        |                                                                                                                           |
|------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Capacity               | 48 channels                                                                                                               |
| Operating Voltage      | 400V / 230V AC at 50Hz.                                                                                                   |
| Local control          | Full-colour touchscreen UI with a rotary encoder wheel and physical return button.                                        |
| Rack Height            | 18U                                                                                                                       |
| Channel Ratings        | Configurable at 10A, 13A, or 16A per channel                                                                              |
| Input Types            | CEE 125A (with a 125A switch disconnecter) or Powerlock type (with a 250A adjustable MCCB).                               |
| Service port           | USB-C port that allows full system setup and configuration without needing main grid power connected.                     |
| Weight                 | 65kg                                                                                                                      |
| Electrical Protections | Fast-acting over-voltage protection.<br>- Loss-of-neutral protection. - Adjustable earth leakage protection and metering. |
| Main Outputs           | 16A capacity using multi-pin connectors like 19-pole Socapex, Harting, or Neutrik powerCON TRUE1.                         |
| IP rating              | IP20 rated enclosure                                                                                                      |
| Height                 | 800mm                                                                                                                     |
| Monitoring             | Per-channel load and leakage current monitoring                                                                           |
| Aux 3-phase outputs    | Configurable capacities of 16A, 32A, 40A, or 63A using CEE or Wilco connectors.                                           |
| Depth                  | 800mm                                                                                                                     |
| Compliance             | EN, VDE, CE, and UKCA compliant.                                                                                          |
| Aux 1-phase outputs    | 16A or 32A capacity variants.                                                                                             |
| Enclosure              | Rack mount (800mm / 18U) or shock-mounted into a heavy-duty touring case.                                                 |
| Grounding              | Harting GND or an M8 stud connector.                                                                                      |
| Breaker Type           | VDE-approved 1P+N hydraulic-magnetic RCBOs (30mA Type A) unaffected by temperature fluctuations.                          |

