

flexiMAX Series Power System

All the Power you Need

500kW
MAX

48V
OUT



GREEN
ENERGY

The flexiMAX Series uses Enatel's state-of-the-art high-efficiency switch-mode rectifier modules and intelligent network-capable controllers, and include integral load and battery distributions, AC input isolation and surge suppression.

The flexiMAX can be customized via a selection of distribution modules to cater for specific configuration requirements. Cabinets are designed to be installation-friendly for fast deployment and commissioning. The embedded Energy Manager provides intelligent system control and management, with optional auxiliary site monitoring and metering of AC inputs, battery parameters and distribution loads.

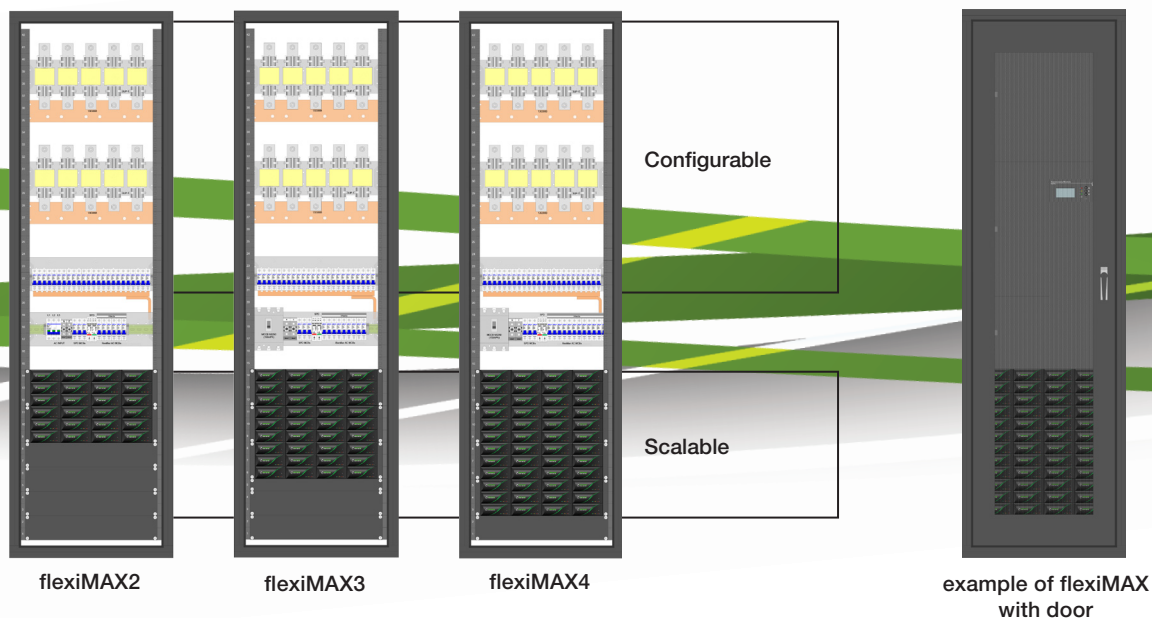
New Zealand-made to guarantee design, manufacture and process integrity, our robust, proven conversion topology utilizes only the highest specification components, ensuring unparalleled reliability and security benefits.

KEY FEATURES

- World-leading power density
- Fully featured hot-swappable telecommunications-grade rectifiers
- Range of configurable DC distributions
- Parallel cabinets for additional power and/or distribution
- Lockable security door

TYPICAL APPLICATIONS INCLUDE

- Local and central office
- Transmission sites and landing stations
- MSCs and data centres



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Specifications

The flexiMAX Series offers scalable power outputs from 24kW to 500kW, with a standard single power cabinet able to deliver a capacity of up to 2500A. The DC power solution utilizes flexible cost-effective distribution modules which allow solutions to be configured to suit custom requirements demanding rapid deployment at multiple sites. The flexiMAX is populated with high efficiency on-line replaceable rectifiers in combination with advanced energy management software to provide a highly reliable DC power solution delivering significantly reduced operational costs.

ELECTRICAL

(See rectifier datasheet)

AC Input:	Three phase 220V ph-ph and 400V ph-ph + N (refer to rectifier spec for full details)
DC Output:	Nominal voltage: 48V DC (contact Enatel for other voltage options)
Maximum Output Power:	500kW

Distribution modules can be integrated within extendable power cabinets or fitted into distribution cabinets as required. Modules can be configured as either load or battery distribution.

DCD-F:	Fuse based distribution with 10 x DIN00, 5 x DIN02, 5 x DIN03 and/or 4 x DIN04 HRC knife fuses (20–1200A)
DCD-M:	MCB based distribution with 24 x 18mm or 16 x 27mm DIN rail mount MCBs (2–125A)
LVBD / LVLD:	Single magnetically latching low voltage disconnect (2 x LVDs with independent control may be fitted on battery or load side)
Seismic Kit:	Available to IBC 2012 / ASCE 7-10

MECHANICAL

Dimensions (W, H, D):	600mm, 2000mm, 600mm
Weight:	Approx 180kg (excl rectifiers)

COMPLIANCES

Safety:	EN60950
Other:	CE & RoHS compliant



System part numbers are dependent on configuration options. For final option part numbers and hybrid design, please consult our sales staff for configuration advice. See Energy Manager and Power Module datasheets for details. Due to product development, specifications are subject to change without prior notice. Pictures may be representative: actual products may differ.

