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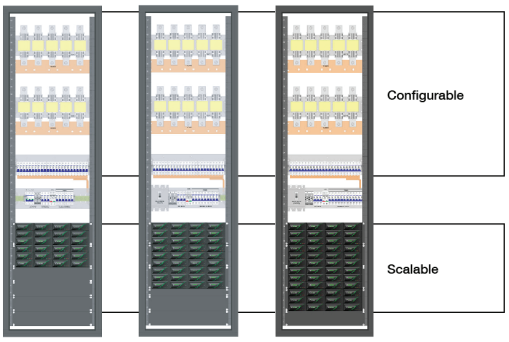
Telecommunications Data centers Industries Renewable

FLEXIMAX SERIES POWER SYSTEM

RECENAFLEXIMAX

enatel energy



flexiMAX2 flexiMAX3 flexiMAX4

example of flexiMAX with door

DESCRIPTION

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 con gurable 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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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.

SPECIFICATIONS (See rectifier datasheet)

ELECTRICAL	
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

CE RoHS

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