

FlexiCompact DC Power System



DC POWER SYSTEM
⚡

DC OUT
12V / 24V / 48V

MAX OUTPUT
36W

Key Features

- World-leading power density
- Fully featured telecom-grade rectifiers
- Modular 19" expandable design
- Front access design
- Flexible AC input, DC output and battery interfaces

Applications

- (CPE) Customer premises equipment
- Roadside terminals
- Converged VoIP/data networks
- Wireless, fiber and fixed line communication networks

Flexible by Name and by Nature

We offer a range of reliable, compact, efficient and flexible DC power solutions from small standalone systems for applications like access nodes to medium sized systems for radio base stations.

The FlexiCompact range offers configured solutions using Enatel's state-of-the-art high-efficiency switch-mode rectifier modules and intelligent network capable controller.

They include an integral AC and DC distribution with flexible combinations of MCBs and LVD options. These can be configured to meet a wide range of customer requirements for access power solutions.

Modules are New Zealand-made to guarantee design, manufacture and process integrity. Our robust, proven conversion topology utilizes only the highest specification components.



FlexiCompact Specifications



ELECTRICAL		FLEXI 1	FLEXI 2	FLEXI 3
AC INPUT		Single and three phase (refer to rectifier spec)		
TERMINATION		16mm ² 3 core cable (3 phase)		
DC OUTPUT VOLTAGE		48V DC (other output voltages on request)		
MAX OUTPUT CAPACITY		12kW	24kW	36kW
POLARITY		Positive Earth		
DC DISTRIBUTION <small>(MCBS NOT FITTED BY DEFAULT)</small>	LOAD:	12 x MCB (6-63A)		
	BATTERY:	4 x MCB (Max. 125A)		
BREAKER FAIL DETECTION		Electronic		
DC TERMINATION	LOAD:	25mm ² terminal for -ve, ring crimp required for +ve		
	BATTERY:	25mm ² terminal for -ve, ring crimp required for +ve		
LVD		300A magnetically latching battery LVD	500A magnetically latching battery LVD	500A magnetically latching battery LVD
COMPLIANCES				
SAFETY:		EN 60950-1		
OTHER:		CE & RoHS Compliant		
MECHANICAL				
DIMENSIONS:	WIDTH:	483 mm [19 in]	483 mm [19 in]	483 mm [19 in]
	HEIGHT:	177.8 mm [7 in]	222.2 mm [8.75 in]	266.7 mm [10.50 in]
	DEEP:	380 mm [14.96 in]	380 mm [14.96 in]	380 mm [14.96 in]
WEIGHT:		13.0 kg [28.66 lb]	18.0 kg [39.60 lb]	23.0 kg [50.670 lb]
CONFIGURATION OPTIONS				
RECTIFIERS:	RM3048HE:	3.0kW modular rectifier, 230V AC input, 48V DC output, 60.0A maximum output		
	RM2048HE:	2.0kW modular rectifier, 230V AC input, 48V DC output, 41.7A maximum output		
ENERGY MANAGER:	EM4x:	Advanced controller with phase balancing, peak shaving, lithium battery management, enhanced logic input and reporting		
ARBP-1M:		Metal rectifier blanking panel		

Due to product development, specifications are subject to change without prior notice. Pictures may be representative: actual products may differ.

