

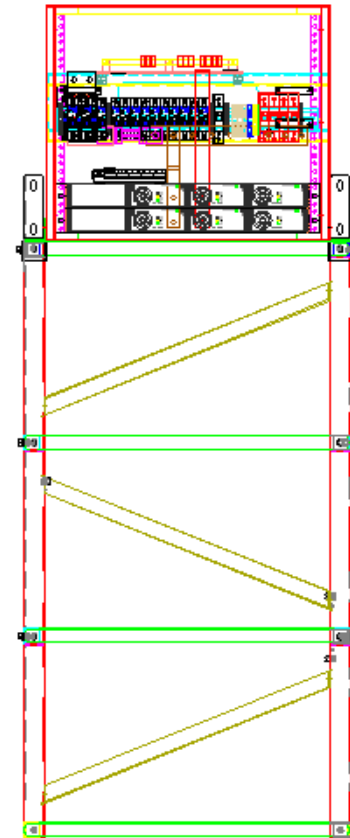
## Open Rack System

The Flatpack2 Open rack systems are suitable and designed to meet requirements for indoor telecom applications, with special focus on quick and simple installation.

Equipped with Flatpack2 48/3000 HE rectifier modules, which are installed in vast numbers all over the globe and have an unmatched proven field performance. This, in combination with an efficiency exceeding 95% and its high power density, provides a low total cost of ownership.

The power system is designed with output power from 3kW to 18 kW and can hence power any application in your network.

The Smartpack S covers all control and monitoring needs of small to medium telecom and industrial DC power systems. Designed for the Flatpack2 system platform, the Smartpack S finds its way into many applications.



# FLATPACK2 OPEN RACK RECTIFIER SYSTEM

48V / 18KW / 300A HE

## APPLICATIONS

### TELECOM – MOBILE / WIRELESS

- RADIO BASE STATIONS / CELL SITES
- LTE / 4G / WIMAX
- MOBILE SWITCHING CENTRE (MSC)
- BROADBAND

### TELECOM – FIXED

- FIBRE OPTICS / FTTX
- TELEPHONY SERVERS / SWITCHES
- MICROWAVE
- CABLE
- BROADBAND
- BROADCAST

## KEY FEATURES

- INTEGRATED 19" SUBRACK & BATTERY OPEN RACK
- COMPACT 9U SYSTEM
- UP TO 6 FLATPACK2 RECTIFIER MODULES
- SMARTPACK S PANEL MOUNT CONTROLLER
- HIGH CONTRAST SCREEN
- HIGH RESOLUTION TFT COLOUR DISPLAY
- USER-FRIENDLY USER INTERFACE
- REMOTE MONITORING
- SNMP AND MODBUS SUPPORT
- 12 PROGRAMMABLE INPUTS AND RELAY OUTPUTS

# OPEN RACK SYSTEM

## Technical Specifications

AC INPUT SPECIFICATIONS	
Voltage	3-phase input, 400V <sub>AC</sub> + N
AC SPD	Yes
Connection	Terminal blocks
Grounding	25 mm <sup>2</sup>
DC OUTPUT SPECIFICATIONS	
Distribution	MCB
Ratings	2x 63A, 3x 40A, 5x 16A SP
DC SPD	Yes
CONSTRUCTION	
Material	SPCC
Thickness	Powercore: 1.2mm, 1.5mm & 2mm Battery rack: 3mm, 1.5mm & 1.2mm
Colour	Black
BATTERY DISTRIBUTION	
Connection type	MCB
Ratings	3x 63A
Battery breaker trip alarm	Yes
LVBD	200A
Battery rack	3x shelves
OTHER SPECIFICATIONS	
Programmable input	12
Relay output	12 (NO, NC, common)
System capacity	Max. 18 KW
Rectifier slots	6
Monitoring	Smartpack S Panel Mount controller with IO Monitor
Alarms	Shown on the Smartpack S controller display
Alarm termination	1.5 mm <sup>2</sup> cable
CAN nodes (optional)	Additional CAN devices can be added such as CAN power, I/O monitor (additional), Battery Monitor & Fleximonitor
PHYSICAL SPECIFICATIONS	
Overall dimensions	Approximately 600 mm (W) x 550 mm(D) x 1529 mm (H)
ORDERING INFORMATION	
Part No.	Description
CTE30840.1000	FP2 48V 18KW 400V+N BD LD OF

Specifications are subject to change without notice