

# SITEFLEX® IPB

## INDOOR POWER AND BATTERY SOLUTION

### OVERVIEW

The SiteFlex® indoor power and battery solution offers a easy and fast deployment of power and battery backup equipment. The solution consists of two separate compartments. One power compartment and one battery compartment.

For the battery compartment it is possible to add a higher security level of anti-theft with a front armor and a locking mechanism.

The solution includes a factory installed AC-distribution, a 48VDC 24kW power supply system with remote control features, DC-distribution and I/O possibilities.

#### Product features

- Power compartment
  - 19" rack 12RU height
  - 5RU 24kW 48V DC power supply system
  - 3RU AC distribution
  - 4RU for customer equipment
  - Battery cables for 4 strings
- Battery compartment
  - Flat pack delivery
  - Four shelves for 4 strings of 12V battery blocks
  - Optional front hatch and locking mechanism (Padlock on request)
  - Supported lead-acid batteries SBS 170/190Ah



## POWER COMPARTMENT



### MECHANICAL

- 5RU for 24kW 48V DC power supply system
- 3RU for AC distribution
- 4RU for customer equipment
- Front door locked with the one quarter turn lock (square key)
- Power compartment can be placed on the battery compartment or wall mounted



### ELECTRICAL

- Grounding bar and bonding cables
- Battery cables for four strings



### THERMAL MANAGEMENT

- Wall openings designed for forced convection cooled power equipment



### DC POWER SYSTEM

- 5RU 48VDC 24kW Power supply system
- Cordex HP controller, Cordex HP L-ADIO
- Cordex 3kW rectifier modules (ordered separately)
- DC Distribution with load and battery CBs
- Battery temperature sensor
- Ref. data sheet for power system E-CXPS-48-24



### AC SYSTEM

- 19" 3RU AC-distribution with surge arresters
- Service outlet with RCB
- Circuit breaker for power supply system
- MET (Main Earth Terminal)

## BATTERY COMPARTMENT



### MECHANICAL

- Four shelves for 4 strings of 12V battery blocks
- Optional front hatch and locking mechanism (Padlock on request)



### ELECTRICAL

- Grounding and bonding system



### THERMAL MANAGEMENT

- Wall openings designed for natural convection cooled battery blocks

## GENERAL



### MECHANICAL

- Powder painted steel
- Outer finish: polyester powder, light grey (RAL 7035)



### ENVIRONMENT

- Ingress protection: IP20



### ACCESSORIES

- Front armor, locking kit

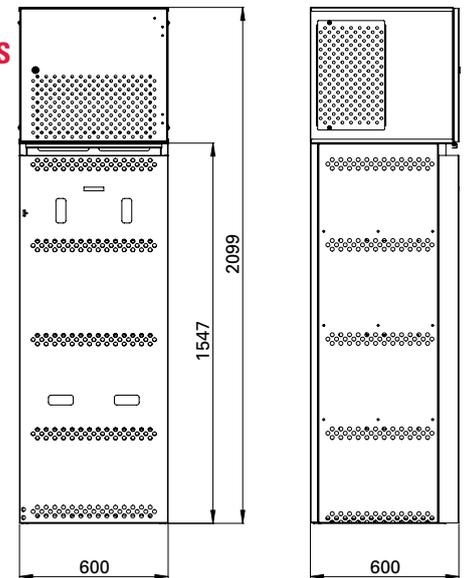


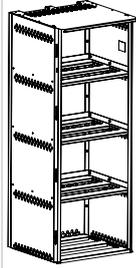
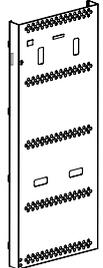
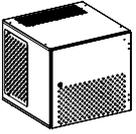
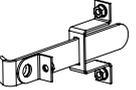
### STANDARDS AND CERTIFICATION

- Product safety acc. to EN 62368-1
- Electromagnetic compatibility acc. to ETSI EN 300
- Environmental protection IP20 acc. to EN 60529
- The product is RoHS compliant acc. to EU directive 2011/65/EU
- The product is WEEE compliant acc. to EU directive 2012/19/EU



### DIMENSIONS



	Battery compartment	Front armor	Power compartment	Locking kit
				
<b>Part number</b>	2000004823	2000004824	2000005673	2000004825
<b>Weight kg</b>	30	15	55	1



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