

SITEFLEX® SECURE IPBS

INDOOR POWER AND BATTERY SOLUTION



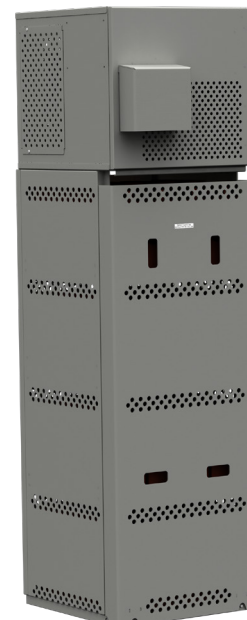
OVERVIEW

The SiteFlex® Secure indoor power and battery solution is designed as a robust alternative for sites where there is a demand for an improved theft protection. Batteries are protected by heavy duty steel armor. The battery hatch is designed with 8 locking hooks and two concealed pad lock mounting points. The power compartment has theft protection of the hinges and a reinforced three point locking mechanism. The swing handle of the power compartment has a protective cover and is designed for heavy duty padlocks.

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

- Anti-theft steel-cover protecting the door swing handle
- Anti-theft bracket protecting the door hinges
- Anti-theft steel armor hatch of the battery compartment
- Concealed padlock mounting points
- Designed for heavy duty padlocks. (Padlocks on request)
- Power compartment
 - 19" rack 12RU height
 - 5RU 24kW 48V DC power supply system
 - 3RU AC distribution
 - 4RU for customer equipment
 - Possible to wall mount
 - Battery cables for 4 strings
- Battery compartment
 - Flat pack delivery
 - Four shelves for 4 strings of 12V battery blocks
 - Supported batteries SBS 170/190Ah



POWER COMPARTMENT



MECHANICAL

- 19" rack 12RU height
- Door with anti-theft three-point locking mechanism
- Protection box, covering the handle and the padlock
- Hinges protected by bracket
- Possible to wall mount



ELECTRICAL

- Grounding bar and bonding cables
- Battery cables



THERMAL PERFORMANCE

- 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 breakers for power supply system
- MET (Main Earth Terminal)

BATTERY COMPARTMENT



MECHANICAL

- Four shelves for 4 strings of 12V battery blocks
- Front hatch locked with two security padlocks (Padlocks on request)



ELECTRICAL

- Grounding and bonding system



THERMAL PERFORMANCE

- 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

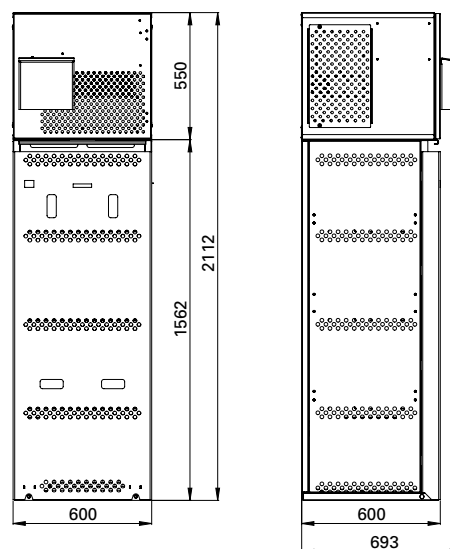


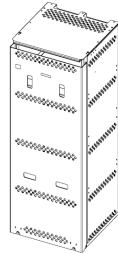

STANDARDS AND CERTIFICATION

- Product safety acc. to EN 62368-1
- Electromagnetic compatibility acc. to ETSI EN 300 386
- Environmental protection IP20 power eq acc. to EN 60529
- Burglar protection RC2 acc. to EN 1627
- 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	Power compartment
		
Dimension mm	600 x 600 x 1530	600 x 600 x 600
Weight kg	100	60
Product number	2000005691	2000005677