SITEFLEX® LCC
OUTDOOR BATTERY SOLUTIONS

EnerSys®
Power/Full Solutions

👁 OVERVIEW

The SiteFlex® battery solutions offers a robust and environmentally controlled solution for easy and fast outdoor deployment of battery backup systems.
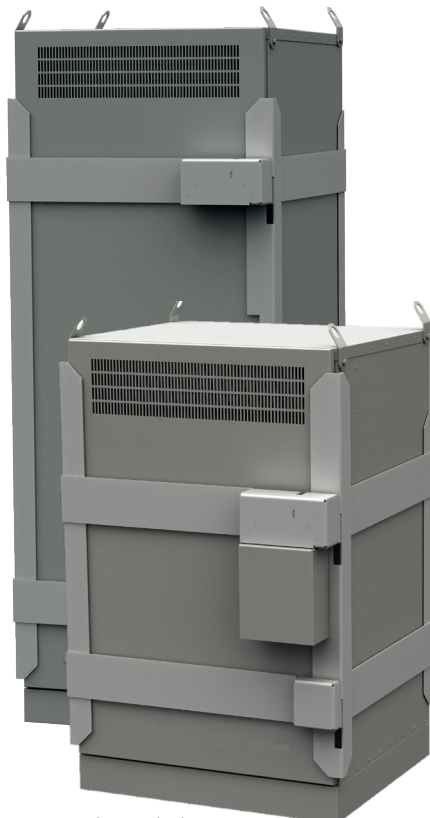
Solution	Battery type	Thermal management	Battery*
LCC 8-12F	12V	DAC	SBS170/190Ah
LCC 8-12A	12V	ACU	SBS170/190Ah
LCC 16-12F	12V	DAC	SBS170/190Ah
LCC 16-12A	12V	ACU	SBS170/190Ah
LCC 24-2F	2V	DAC	SBS 580
LCC 24-2A	2V	ACU	SBS 580

* Please consult EnerSys for other battery types.

The solution is designed with passive ventilation of the hydrogen gas.

To enhance the protection of the battery installation the solution comes with two options for anti-theft purposes.

• Anti-theft armor belt
• Anti-theft cover for door handle

LCC 24-2F - 6 tier solution for 2V block with DAC

LCC16-12F - 4 tier solution for 12V block with DAC

LCC8-12F - 2 tier solution for 12V block with DAC

Armor belts

ENCLOSURE DESIGN
- Zinc plated steel
- Polyester powder paint, light grey (RAL 7035)
- Internal thermal insulation

THERMAL MANAGEMENT DAC (DIRECT AIR COOLING)
- Cooling capacity: 1000W @ Δt < 5°C (Internal Δt)
- Microprocessor controlled fan speed
- Fan type: Axial (Two fans working in parallell)
- Nominal voltage: -48VDC
- Air filters: G4 at delivery. Optional M5 filter

THERMAL MANAGEMENT ACU (AIR CONDITION UNIT)
- Cooling capacity @ 35/35: 550 W
- Power consumption @35/35: 230 W
- COP @ 35/35: 2,4
- Nominal internal t= +24 °C, Internal Δt = 3-5°C
- Fan type: Axial
- Nominal voltage: -48VDC

ENVIRONMENT
- Ingress protection: IP45
- Operating temp: -33°C to +55°C
- Humidity: 0-100%

ALARMS
- Climate failure only for DAC version
- High temp alarm only for ACU version
- Door contact
- Battery breaker alarm (optional)

CABLE INLETS
- 6 membrane grommets for cable diameter max. 13.5mm
- 4 membrane grommets for cable diameter max. 21mm

MECHANICAL
- Three-point locking systems
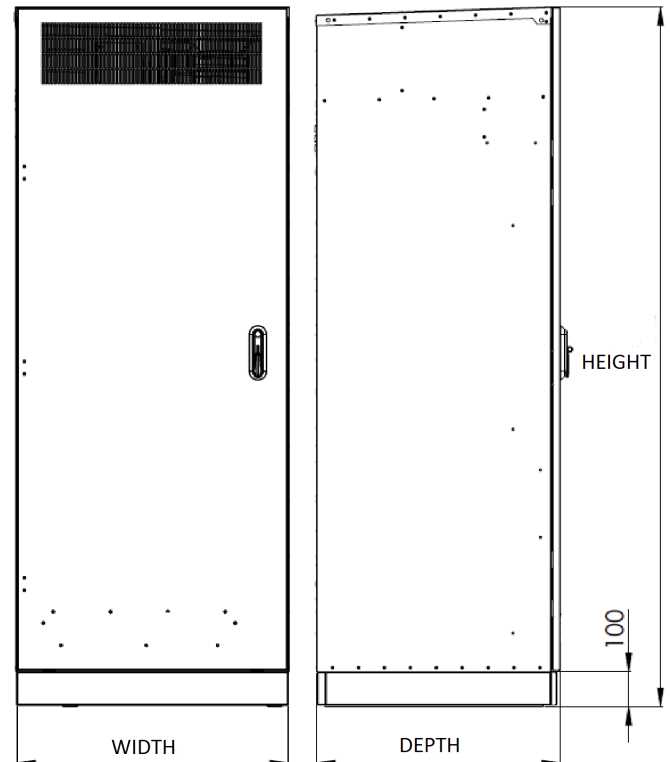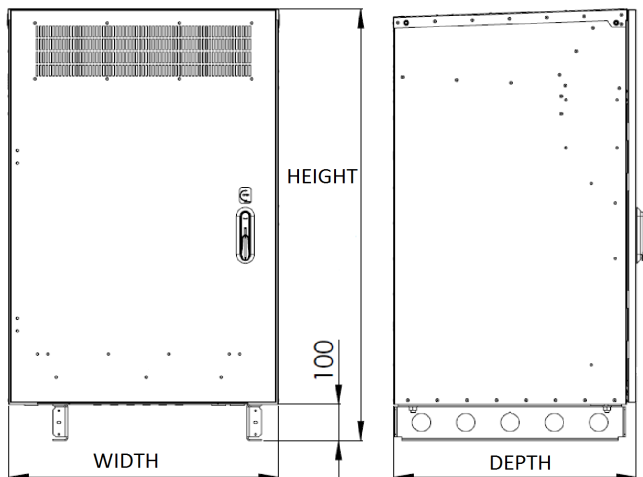- Handle prepare for EURO-half cylinder and padlock (locking cylinder on request)

STANDARDS AND CERTIFICATION
- CE, compliance to EU directives or EU regulations
- Product safety acc. to EN 62368-1 and EN 60950-22
- Environmental protection: acc. to EN 60529
- Burglar protection: class RC3 acc. to EN 1630 (cabinet with security belt kit)
- Burglar protection: class RC4 acc. to EN 1630 (Rail lock)
- Compliance with the directive 2014/30/EU (EMC)
- Compliance with the directive 2011/65/EU (RoHS 2)

DIMENSIONS

Description	Part number	Overall dimension H x W x D	Product weight kg
4 tier cabinet with DAC for 12V block, incl. 4 battery shelves	2000005172	1927 x 730 x 656	150
4 tier cabinet with ACU for 12V block, incl. 4 battery shelves	2000005173	1992 x 730 x 696	170
6 tier cabinet with ACU for 2V block, incl. 6 battery shelves	2000005284	1992 x 730 x 696	190
6 tier cabinet with DAC for 2V block, incl. 6 battery shelves	2000005283	1927 x 730 x 656	170
2 tier cabinet with DAC for 12V block, incl. 2 battery shelves	2000005698	1282 x 780 x 696	95
2 tier cabinet with ACU for 12V block, incl. 2 battery shelves	2000005682	1282 x 780 x 696	110

OPTIONS

Description	Part number					
Cabinet version	2000005172	2000005173	2000005284	2000005283	2000005698	2000005682
Armour belt	2000005290	2000005291	2000005291	2000005290	2000005700	2000005701
Handle cover for 2 tier cabinet belt kit					2000005719	2000005719
Plint cover	2000005298	2000005299	2000005299	2000005298	2000005298	2000005299
Anti theft cover for the door handle (complete door)	2000005305	2000005306	2000005306	2000005305	2000005702	2000005703
Battery cable string 1 (12V)	2000005292	2000005292			2000005292	2000005292
Battery cable string 2 (12V)	2000005293	2000005293			2000005293	2000005293
Battery cable string 3 (12V)	2000005294	2000005294				
Battery cable string 4 (12V)	2000005295	2000005295				
Battery breaker for one string (from string 2 to 4)	2000005296	2000005296			2000005296	2000005296
Battery breaker alarm for string 1 to 4	2000005297	2000005297			2000005297	2000005297
Heater for string 1	2000005300	2000005301	2000005309	2000005308	2000005300	2000005301
Heater for string 2-4	2000005302	2000005303			2000005302	2000005303
EVS (Emergency Ventilation Cooling)		2000005699	2000005699			2000005699
Battery cable for 2V cabinet			2000005307	2000005307		
Air filter M5	2000005304			2000005304	2000005304	