



Measure

Height: 725 mm
Width: 420 mm
Depth: 225 mm

16,5 HE

Weight

15-19 kg

- Wall mounting
- Montage for 19"

- Primary Switch Technology
- Protection against overloading, over-voltage, over-temperature, short circuiting and deep discharge.
- Space for 4 batteries (45Ah), delivered without batteries
- Hot swap (HS) (replacement of power supply unit during the operating time is possible), lightning protection on the incoming voltage
- Option for extra battery box XL for longer alternate operating time, with 2-4 batteries
- Quick connection using truck battery connector.
- Modular construction
- Faulty function alarm and relay switching (faulty power supply unit or power failure) as standard.
- Fans for longer battery service life
- 24V up to 30A
48V is available on tender

BAS XXL

Construction & Design

The BAS XXL is a well-ventilated electrical cabinet in white painted steel. The construction is well designed, with a lockable door, panel with status information, as well as light emitting diode indicators on the cabinet front. It is easy to install on a wall with the drilling template on cardboard, and the fastening holes are also suitable for the mounting rail on Ericsson's 19" stand. Fans to cool the batteries for increased battery service life from 5 to 10 years. The construction is suitable for (2 - 4) 45Ah batteries.

Areas of application

Suitable for installation indoors, for example, in larger premises as well as for large systems. For examples of the areas of application, see the pictures.

Flexibility

Option

Option for protection and monitoring, see the overview of the BAS family. The option can be easily plugged in afterwards, or ordered ready installed direct from the factory.

Power supply

The DIN rail mounted power supply unit provides even more flexibility, thanks to the fact that the power supply unit can be easily upgraded with a larger mains supply for increased loads.

Extra battery box

There is the option for an extra battery box XL, with space for 2-4 batteries.

Hot Swap

In battery operation, the mains supply can be disconnected using cabling with jack plugs. This makes it simple to upgrade, or if necessary, replace a faulty supply unit without affecting the system that the battery backup is running. When upgrading the power on a Hot Swap unit, the load voltage must be interrupted, since higher power presupposes a change of the automatic load fuses.

SSF1014 - Grade 2 and 3

The BAS XXL series has a certified unit that complies with SSF1014, grade 2 and 3 and meets EN50131-6, thanks to mechanical additions as well as extended protection and monitoring with SDX and 6UT. Grade 3 requires integration over bus communication I2C or RS485 to the customer's system.

Technical specification

Item	E no.	Maximum Current [A]	Battery capacity [Ah]
24 V BATTERY BACKUP			
BAS 2750-XXL**	5269661	5,0	45Ah (2stx45Ah) 90Ah (4stx45Ah)
BAS XXL SSF1014*	5269697	6,0 (grade2)	90Ah (4stx45Ah)
BAS 27100-XXL HS	5218377	10	45Ah (2stx45Ah) 90Ah (4stx45Ah)
BAS 27200-XXL HS	5218380	20	45Ah (2stx45Ah) 90Ah (4stx45Ah)
BAS 27300-XXL HS	5218383	30	45Ah (2stx45Ah) 90Ah (4stx45Ah)



*) Certified unit in accordance with SSF1014 – grade 2 and 3. Grade 3 requires integration/adaptation over our bus (I²C/RS485) to the customer's system. Equipped with the following options: SDX, tamper switch and 6-UT.

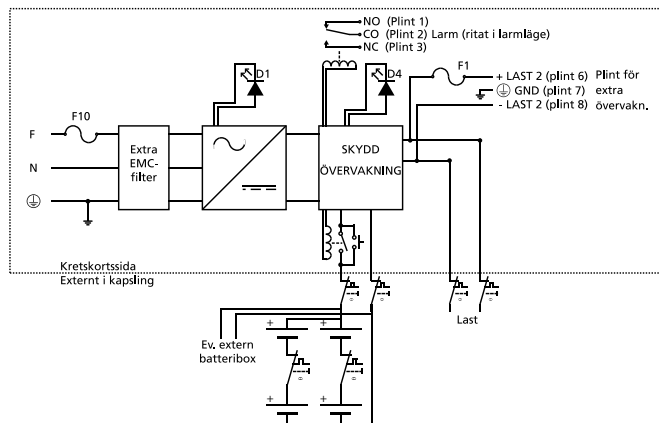
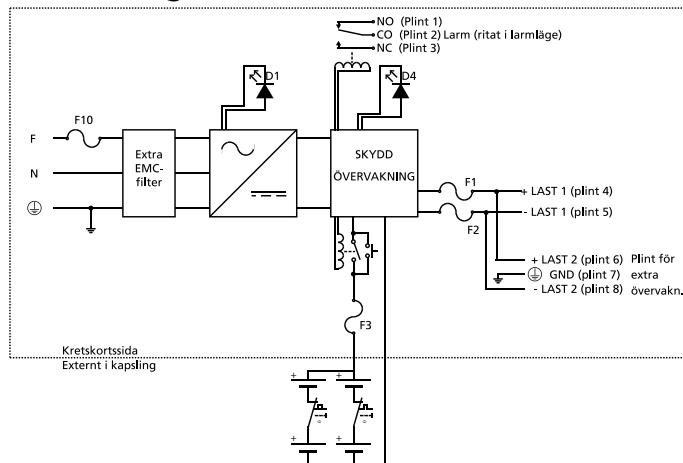
***)BAS 2750-XXL cannot be equipped with an extra battery box.

When upgrading the power on a Hot Swap unit, the load voltage must be interrupted, since higher power presupposes a change of the automatic load fuses.

48V Battery backup is available on tender.

When upgrading mains supply unit, e.g. from 5A to 10A, please contact Milleteknik..

Circuit diagram 24V



Hot Swap

For dimensioning of cabinet types, go to our website, www.milleteknik.se / Log in / Support / Calculation service

We reserve the right to implement any changes.



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