

Battery box 24V FLX M



The battery box is used when you need longer spare operating times or when the load in a SSF 1014 / EN54-4 certified system needs access to higher current.

The battery box is easily connected to the main unit with a pluggable connector. The battery box have space for 2x 28Ah or 2x 45Ah batteries per each battery box.

Battery box 24V FLX M shall be used together with;
 NEO FLX M / L 24V Series
 EN54 FLX M 24V Series
 NOVA FLX M / L 24V Series
 DSS FLX M / L 24V Series

Expected backup operating time at below conditions (new batteries):

@ Currency

| System Voltage | Batteries | | 2A | 4A | 8A | 10A | 14A | 18A |
|----------------|------------------|----------------------------|------|-----|-----|------|-------|-------|
| 24V | 2x 28Ah | only with NEO FLX L | 12h | 5h | 2h | 1,5h | 50min | 30min |
| 24V | 2x 45Ah | | 21h | 12h | 4h | 3h | 2h | 1,5h |
| 24V | 4x 28Ah (56Ah) | only with NEO FLX L | 25h | 12h | 5h | 4h | 2,5h | 1,5h |
| 24V | 4x 45Ah (90Ah) | | 42h | 20h | 12h | 8h | 5h | 3,5h |
| 24V | 6x 28Ah (84Ah) | only with NEO FLX L | 38h | 18h | 9h | 7h | 4,5h | 3h |
| 24V | 6x 45Ah (135Ah) | | 64h | 30h | 15h | 12h | 9h | 6h |
| 24V | 8x 28Ah (112Ah) | only with NEO FLX L | 50h | 25h | 12h | 10h | 6,5h | 4,5h |
| 24V | 8x 45Ah (180Ah) | | 82h | 42h | 20h | 16h | 12h | 10h |
| 24V | 10x 28Ah (140Ah) | only with NEO FLX L | 65h | 32h | 16h | 12h | 9,5h | 6,5h |
| 24V | 10x 45Ah (225Ah) | only with NEO / NOVA FLX L | 108h | 54h | 26h | 20h | 15h | 13h |

Technical data

Battery box 24V FLX M

Recommended environment and the product's enclosure:

| | |
|-------------------------------|---|
| Recommended environment: | Environment Class 1, Inhouse, 20% ~ 90% relative humidity |
| Ambient temperature: | +5 °C - 40 °C (For optimal battery life +15 °C - +25 °C) |
| Protection Class: | IP32 |
| Recommended mounting: | Wall or Rack (angles included) |
| Dimension (HxWxD): | 222x437x212mm (5U) |
| Net Weight: | 4kg |
| Number of cable penetrations: | 4pcs |
| The color of the enclosure: | Black |
| Built in fan for cooling: | No |

Electrical information:

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|-----------------|---------|
| Input voltage: | 27,3VDC |
| Output voltage: | 27,3VDC |

Information and choice of battery / batteries:

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|-----------------------------------|--|
| Designated battery type: | 12V Maintenance-free batteries, type AGM |
| Possible battery types: | 2x 28Ah or 2x 45Ah |
| System tested and certified with: | UPLUS 10+ Design Life 45Ah batteries |

Article information:

| | |
|----------------------------|-----------------------|
| Article name: | Battery box 24V FLX M |
| Article number: | FM01000024BB01 |
| E-number: | 5213573 |
| Supplier type description: | Battery box 24V-FLX |

The product meets and are certified according to: EMC Directive 2014/30EU, Low Voltage directive: 2014/35/EU CE directive according to 765/2008, Emission: EN61000-6-:2001, EN55022:1998-A1:2000, A2:2003 Klass B, EN61000-3-2:2001. Immunity: EN61000-6-2:2005, EN61000-4-2, -3, 4, -5, -6, -11. EN 54-4:1997, EN 54-4:1997/AC:1999, EN 54-4:1997/A1:2002, EN 54-4:1997/A2:2006 and SBF 110:8 (Fire & Evacuation systems), SSF1014, Alarm Class 1-4, (Burglar Alarms and Integrated Security Systems).

| | |
|---------------------------|-----------------------------------|
| Certification No: | SSF 1014/18-246 / SBF110:8/18-243 |
| Warranty period: | 5 years |
| Designed and produced by: | Milleteknik AB |
| Country of origin: | Sweden |