

# 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:

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

### Information and choice of battery / batteries:

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