

PRODUCT SHEET - POWER SUPPLY FROM MILLETEKNIK

Product image



Name, article number and e-number

Table 1. Name, article number and email number

Name	Item number	E-number (sv)
Adapter FLX to Battery Shelf	A-0000000ADP01	52 574 47

Technical description

[sv] Adapter FLX to Battery Shelf är ett kretskort-baserat tillbehör avsett för elektrisk sammankoppling mellan strömförsörjning och batterisystem i Milletekniks plattformar. Adaptern hanterar en nominell spänningsnivå om 27,3 V DC (24 V-system) och möjliggör anslutning mellan aggregat och batterihylla i kompatibla kapslingar. Produkten saknar egen kapsling och installeras som fast montage i kompatibel produkt. Den används tillsammans med batterihyllor i system såsom NEO/NOVA (FLX S/M/L), EN54 (1U/2U) samt Battery Panel-serien.

Table 2. Quick Facts

Quick Facts	
Supply voltage (V)	[sv] 27,3 V DC (24 V DC)

Areas of application

Table 3. [sv] Användningsområden

Areas of application	Yes	No
[sv] För att koppla ihop strömförsörjning och batterier.	✓	

Electronics

Table 4. [sv] Elektriska data

[sv] Elektriska data	
[sv] Matningsspänning	[sv] 27,3 V DC (24 V DC)

Enclosure and Mechanics

Table 5. Enclosure and Mechanics

Enclosure and Mechanics	
Enclosure	Does not have enclosure

Assembly, installation and eligibility requirements

Table 6. Fitting

Fitting	[sv] Ja	[sv] Nej
In product (optionally fitted in compatible product).	✓	

Table 7. Installation

Installation	Yes	No
Installed in product.	✓	

Dimensions, weight and packaging information

Table 8. Dimensions

Dimensions, (WxHxD).	Dimensions with packaging ^a .
230mm	100 x 210 x 155 mm

^aDimensions (WxHxD) of product and packaging may differ, this is because the product may be oriented differently in the package.

Table 9. Weight

Net weight	Weight with packaging
0.1 kg	0.2 kg

Table 10. Packaging

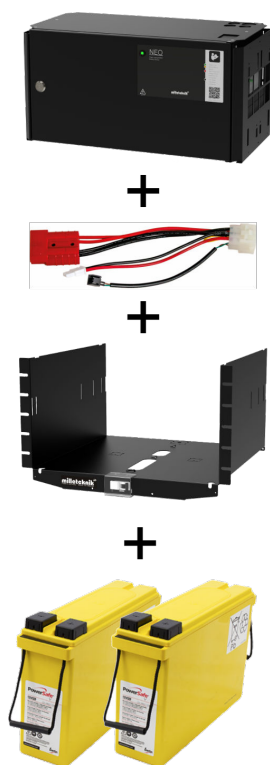
Packaging	
Packaging	Cardboard and impact protection in cardboard.
Quantity in pack	1 pc.
Packaging Type (GS1 T0137)	BX box.
Conditions EUR pallet	EUR pallets may not be stacked during transport or storage. Stacking may result in damage to product and packaging
Transport environment	The product must be protected from condensation and direct precipitation during transportation.
Transport temperature (without battery)	-30 °C to +70 °C
Storage environment	Dry indoor environment, protected from condensation. Relative humidity: max 95%, non-condensing
Storage temperature without batteries	-20 °C to +60 °C

Fits

Table 11. Which products can be used with Adapter FLX to Battery shelves.

Product series	Enclosure size	Comment
NEO / NOVA	FLX S / M / L	Battery shelf required.
EN54	1U / 2U	Battery shelf required.
Battery Panel 24 V 125 Ah, 200 Ah, 300 Ah	1U	Battery shelf required.

Example of connection.



About this information

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[SV] COMPLIANCE OCH REGELEFTERLEVNAD

Delivery time, warranty and terms

Table 12. Delivery time, warranty and terms

Delivery time, warranty and terms	
Warranty period ^a	[sv] Produkten har två (2) års garanti mot tillverkningsfel.
Special warranty conditions	See also general terms and conditions.
General Terms and Conditions	ALEM09 with exceptions, see: www.milleteknik.se/conditions/
Support	Telephone support and email support during the warranty period are free of charge. For spare parts that are not covered by warranty, there is a charge
Delivery and stock	
Delivery time ^b	Or as per agreement. Delivery from factory, transportation time is added.

^aIf the device is purchased through a wholesaler or other supplier, other warranty conditions may apply

^bIn the case of larger orders, delivery time increases, acc. to agreement.

Operation and maintenance

Table 13. Operation

Operation	Data	Other. info
Environment	Indoor environmental class 1.	
Operating temperature (recommended)	+15°C to +25°C	
Operating temperature (permissible) ^a	+5°C to +40°C	Class 1 according to EN 50131-6/ EN 60839-11

^aSpecifies the permissible ambient temperature range in which the product can operate without damage. See also table on battery life.

Table 14. Maintenance

Yes	No	Interval	Other. info
	✓		Maintenance-free.

Certifications and approvals

Table 15. Approved according to

Complies with	Directives
C.E.	CE marking according to (EC) 765/2008
EMC	EMC Directive 2014/30/EU
Electric (LVD)	Low Voltage Directive: 2014/35/EU

Environmental data

Table 16. Environmental data

Environmental data	J/N	Informație	Other. info.
Building Product Declaration (BPD)	✓	Yes, see iBvd at www.milleteknik.se .	-

Environmental data	J/N	Informație	Other. info.
REACH Information Obligation (EC) No 1907/2006	✓	Yes, see the DoC at www.milleteknik.se The product complies with REACH Regulation (EC) No 1907/2006.	If empty, the product is not covered.
SVHC substances, CAS/EC		Yes, lead, 7439-92-1/231-100-4	For text, see iBvd at www.milleteknik.se . If blank, substance is missing.
Subject to the RoHS Directive, (EU) 2015/863		Yes, see the DoC at www.milleteknik.se	
WEEE 2012/19/EU	✓	The product contains electrical components or wiring and is covered by the WEEE Directive (2012/19/EU).	If empty, the product is not covered. End-of-life products must be returned to a recycling centre
Battery Regulation (EU) 2023/1542	X		
SCIP No 2008/98/EC		Yes, registered under the EU Waste Directive where applicable, (2008/98/EC).	If empty, no SCIP number is needed.
Conflict minerals (EU) 2017/821	X/X/ X/X	No=Gold, Tungsten, Tantalum, Cobalt, Tin.	
Contains nanomaterials: EC 1272/2008	X	The product does not contain nanomaterials.	
Ecodesign 2009/125/EC		Milleteknik's products are intended for professional use and are therefore not directly covered by the Ecodesign Regulation (EU 2019/1782). As some components may be covered, we nevertheless disclose relevant information ^a , where applicable, to provide our customers with confidence in their choice.	

Environmental data	J/N	Information	Other. info.
Machine Directive 2006/42/EC		The product is part of electrical systems, is subject to the relevant electrical and safety directives and is not a machine according to the Machinery Directive (2006/42/EC). Will be replaced by Machinery Regulation (EU) 2023/1230, which will apply in 2027.	
The product is designed for a long service life, which reduces the environmental impact. End-of-life products are handed over to the nearest recycling centre.			

^aStandby consumption and power.



Manufacturer and country of origin

Table 17. Manufacturer and country of origin

Manufacturer and origin	
Manufacturer ^a	Milleteknik AB
Customs State. Nos.	85043180
Country of origin	Sweden

^aManufacturer is the trademark indicated on the product, regardless of what is stated in this product sheet.

[SV] BILAGA

[sv] Behörighetskrav, installation

[sv] Krav på behörighet varierar mellan länder. Tabellen sammanfattar nationella krav för fast installation respektive anslutning av utrustning med stickkontakt.

Table 18. Eligibility requirements by country. Applies only to the installation of this product in a fixed network connection

Permis- sion Re- quire- ments for In- stalla- tion	Fixed instal- lation (230 V)	Plug	Other. info
Sweden	✓	x	Fixed installation may be performed by technicians but shall be under the responsibility of a qualified installer. (Electrical Safety Act, SS 436 40 00) Plug may be connected without authorization.
Norway	✓	✓	Requirements for qualified electricians also for equipment with a plug socket in fixed installations. (NEK 400, DSB)
Finland	✓	x	Plug may be connected without authorization. (Tukes, SFS 6000)
Den- mark	✓	x	Plug may be connected without authorization. (Safety Board)
Germa- ny	✓	x	All fixed installations require a qualified electrician according to VDE 0100. Plug sockets may be connected without authorization, but only by person with basic electrical knowledge ("Elektrotechnisch unterwiesene Person")

[sv] Referenstabell: miljöklasser enligt EN 50130-5 (som hänvisas till i EN 50131-6)

Table 19. Reference table: environmental classes according to EN 50130-5 (referred to in EN 50131-6)

Class	Type	Tempera- ture range
Environmental Class 1	Heated indoors (type of- fice/residence).	+5°C to +40°C
Environmental Class 2	Generally indoors (type warehouses/stairwells, not temperature control- led).	-10°C to +40°C
Environmental class 3	Protected outdoors.	-25°C to +50°C
Environmental class 4	Generally outdoors.	-25°C to +60°C

[sv] Referenstabell: tillverkares angivna livslängd och rekommenderat batteribyte

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