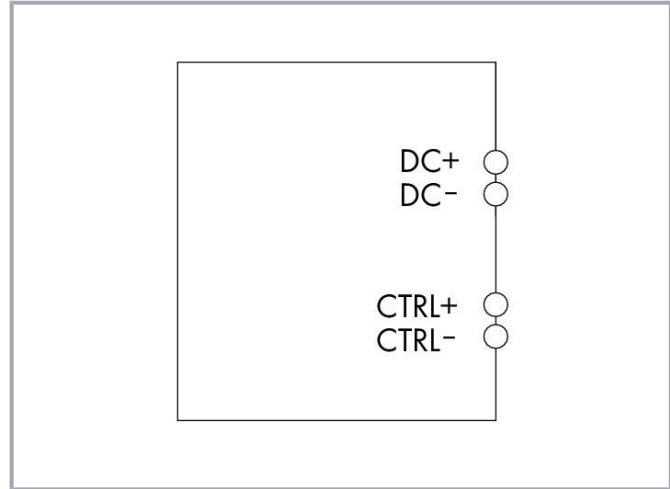


## Data sheet | Item number: 787-873

Lead-acid AGM battery module; 24 VDC input voltage; 40 A output current;  
12 Ah capacity; with battery control; 10,00 mm<sup>2</sup>



[www.wago.com/787-873](http://www.wago.com/787-873)



## Item description

### Features:

- Lead-acid, absorbed glass mat (AGM) battery module for uninterruptible power supply (UPS)
- Can be connected to both 787-870 or 787-875 UPS Charger and Controller, as well as to the 787-1675 Power Supply with integrated UPS charger and controller
- Parallel operation provides higher buffer time
- Built-in temperature sensor
- Mounting plate installation via continuous DIN-rail
- Battery control (from manufacturing no. 213412) detects both battery life and battery type

Subject to changes. Please also observe the further product documentation!

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Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.

**Data****Notes**

## Note

For parallel connection, please switch battery capacity setting to "OFF" in the UPS charger and controller.

**Technical data****Input**

Nominal input voltage $U_{i\text{nom}}$	DC 24 V
---	---------

**Output**

Nominal output voltage $U_{o\text{nom}}$	DC 24 V
--	---------

Nominal output current $I_{o\text{nom}}$	40 A
--	------

**Energy storage system**

Battery capacity	12 Ah
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Charging current	$\leq 3$ A
------------------	------------

End-of-charge voltage	DC 27 V (25 °C)
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**Circuit protection**

Internal fuse	2 x T 25 A
---------------	------------

**Safety and protection**

Protection class	III
------------------	-----

Protection type	IP20; per EN 60529
-----------------	--------------------

Pollution degree	2
------------------	---

Series operation	No
------------------	----

MTBF	> 500,000 h (per IEC 61709)
------	-----------------------------

Service life (typ.)	5 / 4 / 2 a (20 / 30 / 40 °C)
---------------------	-------------------------------

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## Connection data

Connection type 1	Input/Output
Connection technology	Push-in CAGE CLAMP®
WAGO connector	WAGO 831 Series
Solid conductor	0.5 ... 10 mm <sup>2</sup> / 20 ... 8 AWG
Fine-stranded conductor	0.5 ... 10 mm <sup>2</sup> / 20 ... 8 AWG
Strip length	13 ... 15 mm / 0.51 ... 0.59 inches
Connection type 2	Battery control
Connection technology 2	CAGE CLAMP®
WAGO connector 2	WAGO 231 Series
Solid conductor 2	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Fine-stranded conductor 2	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Strip length 2	8 ... 9 mm / 0.31 ... 0.35 inches
Cable length (max.)	3 m (Input, Output, Battery Control)

## Physical data

Width	120.5 mm / 4.744 inches
Height	239 mm / 9.409 inches
Depth	217.5 mm / 8.563 inches

## Mechanical Data

Mounting type	Screw mount
---------------	-------------

## Material Data

Weight	10650 g
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## Environmental requirements

Ambient temperature (operation)	-10 ... +40 °C
Ambient temperature (storage)	-20 ... +40 °C
Relative humidity	5 ... 80 % (no condensation permissible)

## Standards and specifications

Conformity marking	CE
Standards/specifications	VdS-tested battery

Subject to changes. Please also observe the further product documentation!

UL 508

## Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
eCl@ss 10.0	27-05-04-03
eCl@ss 9.0	27-05-04-03
ETIM 8.0	EC000357
ETIM 7.0	EC000357
PU (SPU)	1 pcs
Packaging type	box
Country of origin	DE
GTIN	4045454993900
Customs tariff number	85072080900

## Environmental Product Compliance

CAS-No.	7439-92-1
REACH Candidate List Substance	Lead
RoHS Compliance Status	Compliant, No Exemption
SCIP notification number (Austria)	dbc257cd-3330-4f4d-abfd-a0fe4aef546d
SCIP notification number (Belgium)	e4b4df80-95f0-4508-8a6b-b0e3eeabea05
SCIP notification number (Bulgaria)	769aaa1d-71eb-415f-9a8a-7e1ed4160c57
SCIP notification number (Czech Republic)	13cb88b8-e520-479f-9229-2b13447bfe2c
SCIP notification number (Denmark)	b96478a9-ff5f-46a3-b508-f96bbb3e40e3
SCIP notification number (Finland)	8915f01a-858d-4ce2-a254-e97f966b2643
SCIP notification number (France)	6cf0dce7-0c60-4a7c-a4b6-f52266f315dd
SCIP notification number (Germany)	e3d797b1-bf74-412e-8eb2-67c09e96cf95
SCIP notification number (Hungary)	ac878ccf-94df-407f-83ac-f0b1549039f1
SCIP notification number (Italy)	bd7dfc17-e6fe-4c3d-831b-6055e6553a78
SCIP notification number (Netherlands)	87e9cb0d-06a0-4aee-a0e6-fdbbd632c7dd
SCIP notification number (Poland)	20253e97-b914-4796-896d-7e4d854572e7
SCIP notification number (Romania)	d3a5182e-25b9-4d20-925f-b82139784445
SCIP notification number (Sweden)	c059a02e-d6f9-4b8d-b6bd-b86cbc66398f

## Approvals / Certificates

### General approvals

Logo	Approval	Additional Approval Text	Certificate name

Subject to changes. Please also observe the further product documentation!

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#### Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
	UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-




#### Optional accessories

##### Marking accessories








###### Marking strip

	<b>Item no.: 2009-110</b> Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white	<a href="http://www.wago.com/2009-110">www.wago.com/2009-110</a>
	<b>Item no.: 210-831</b> Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white	<a href="http://www.wago.com/210-831">www.wago.com/210-831</a>
	<b>Item no.: 210-832</b> Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white	<a href="http://www.wago.com/210-832">www.wago.com/210-832</a>

###### Marker

	<b>Item no.: 2009-145</b> Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	<a href="http://www.wago.com/2009-145">www.wago.com/2009-145</a>
	<b>Item no.: 2009-115</b> WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	<a href="http://www.wago.com/2009-115">www.wago.com/2009-115</a>
	<b>Item no.: 248-501</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white	<a href="http://www.wago.com/248-501">www.wago.com/248-501</a>

Subject to changes. Please also observe the further product documentation!

	<b>Item no.: 793-501</b> WMB marking card; as card; not stretchable; plain; snap-on type; white	<a href="http://www.wago.com/793-501">www.wago.com/793-501</a>
	<b>Item no.: 793-5501</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white	<a href="http://www.wago.com/793-5501">www.wago.com/793-5501</a>
<b>Power supplies</b>		
Uninterruptible power supply		
	<b>Item no.: 787-870</b> UPS charger and controller; 24 VDC input voltage; 24 VDC output voltage; 10 A output current; LineMonitor; communication capability; 2,50 mm <sup>2</sup>	<a href="http://www.wago.com/787-870">www.wago.com/787-870</a>
	<b>Item no.: 787-875</b> UPS charger and controller; 24 VDC input voltage; 24 VDC output voltage; 20 A output current; LineMonitor; communication capability; 10,00 mm <sup>2</sup>	<a href="http://www.wago.com/787-875">www.wago.com/787-875</a>
	<b>Item no.: 787-1675</b> Switched-mode power supply with integrated charger and controller; Classic; 1-phase; 24 VDC output voltage; 5 A output current; communication capability; 10,00 mm <sup>2</sup>	<a href="http://www.wago.com/787-1675">www.wago.com/787-1675</a>
<b>Tool</b>		
Operating tool		
	<b>Item no.: 210-721</b> Operating tool; Blade: 5.5 x 0.8 mm; with a partially insulated shaft; multicoloured	<a href="http://www.wago.com/210-721">www.wago.com/210-721</a>
	<b>Item no.: 210-720</b> Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured	<a href="http://www.wago.com/210-720">www.wago.com/210-720</a>

**Downloads****Documentation****Bid Text**

787-873 X81 - Datei	2019 Jul 12	xml 5.8 kB	Download
787-873 docx - Datei	2019 Jul 12	docx 21.8 kB	Download
ausschreiben.de 787-873		URL	Download

**Instruction Leaflet**

Bleigel-Akku-Modul DC 24 V, 12 Ah	2022 Mar 23	pdf 588.5 kB	Download
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### Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 Aug 18	pdf 2.2 MB	Download
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### CAD/CAE-Data

#### CAE data

WSCAD Universe 787-873	URL	Download
ZUKEN Portal 787-873	URL	Download
EPLAN Data Portal 787-873	URL	Download

#### CAD data

2D/3D Models 787-873	URL	Download
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### Environmental Product Compliance

#### Compliance Search

Environmental Product Compliance 787-873 Lead-acid AGM battery module; 24 VDC input voltage; 40 A output current; 12 Ah capacity; with battery control; 10,00 mm <sup>2</sup>	URL	Download
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### Installation Notes

Subject to changes. Please also observe the further product documentation!