

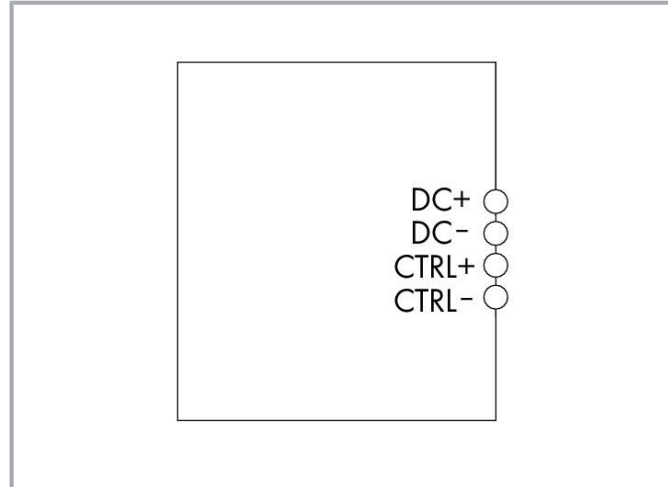
Data sheet | Item number: 787-876

Lead-acid AGM battery module; 24 VDC input voltage; 7.5 A output current;
1.2 Ah capacity; with battery control

www.wago.com/787-876



Similar to picture



Item description

Features:

- Lead-acid, absorbed glass mat (AGM) battery module for uninterruptible power supply (UPS)
- Can be connected to both 787-870 UPS Charger and Controller and 787-1675 Power Supply with integrated UPS charger and controller
- Parallel operation provides higher buffer time
- Built-in temperature sensor
- DIN-35-rail mountable
- Battery control (from manufacturing no. 216570) detects both battery life and battery type

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

WAGO GmbH & Co. KG
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Email: info.de@wago.com | Web: www.wago.com

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
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Output

Nominal output voltage $U_{o\text{nom}}$	DC 24 V
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Nominal output current $I_{o\text{nom}}$	7.5 A
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Energy storage system

Battery capacity	1.2 Ah
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Charging current	≤ 0.3 A
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End-of-charge voltage	DC 27 V (25 °C)
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Circuit protection

Internal fuse	T 15 A
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Safety and protection

Protection class	III
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Protection type	IP20; per EN 60529
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Pollution degree	2
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Series operation	No
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MTBF	> 500,000 h (per IEC 61709)
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Service life (typ.)	5 / 4 / 2 a (20 / 30 / 40 °C)
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Connection data

Connection type 1	Input/Output/Battery control
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Connection technology	
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	CAGE CLAMP®
WAGO connector	WAGO 231 Series
Solid conductor	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches
Cable length (max.)	3 m (Input, Output, Battery Control)

Physical data

Width	55 mm / 2.165 inches
Height	153 mm / 6.024 inches
Depth from upper-edge of DIN-rail	126.6 mm / 4.984 inches
Note (dimensions)	Height with connector

Mechanical Data

Mounting type	DIN-35 rail
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Material Data

Weight	1980 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 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

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Packaging type	box
Country of origin	DE
GTIN	4050821298243
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)	35ab2e59-bacb-4392-9887-576ff84b6de5
SCIP notification number (Belgium)	e4c5e777-34dc-4ce1-8ff5-b0c8c6a29bca
SCIP notification number (Bulgaria)	e7bd2258-d862-47b1-b90f-94af976b385a
SCIP notification number (Czech Republic)	1cadbc50-db83-42ed-9bae-9cafc51d73f8
SCIP notification number (Denmark)	f08b16c7-5e67-4830-bdc2-847555db677b
SCIP notification number (Finland)	4f9f0273-73f8-4987-9908-fab577177f3f
SCIP notification number (France)	120ad21d-5464-4f71-8b04-64430d335c9c
SCIP notification number (Germany)	72bdfcdf-039a-4903-a04f-647d7a66dbd3
SCIP notification number (Hungary)	3c7304ff-e68d-4940-a26c-031c28a3a9ba
SCIP notification number (Italy)	65f71f76-8ea5-46d5-9032-31844fa05d8f
SCIP notification number (Netherlands)	27b8a7a0-71f4-4953-a258-df1fb592c439
SCIP notification number (Poland)	a39e1dfa-494b-46e3-ab0c-a5f0e54f8fa2
SCIP notification number (Romania)	ebab566d-d028-4149-83d8-c24378ed2007
SCIP notification number (Sweden)	31dbd2a0-4e36-455c-98b1-4241963e568c

Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	EAC Brjansker Zertifizierungsstelle	TP TC 020/2011	RU_C-DE. AM02.B. 00093-19
	UL Underwriters Laboratories Inc.	UL 508	E255817 UR


Declarations of conformity and manufacturer's declarations

Certificate

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

Optional accessories


Power supplies

Uninterruptible power supply			
	Item no.: 787-870 UPS charger and controller; 24 VDC input voltage; 24 VDC output voltage; 10 A output current; LineMonitor; communication capability; 2,50 mm ²		www.wago.com/787-870
	Item no.: 787-1675 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 ²		www.wago.com/787-1675

Marking accessories

Marking strip			
	Item no.: 210-831 Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white		www.wago.com/210-831
	Item no.: 210-832 Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white		www.wago.com/210-832

Tool

Operating tool			
	Item no.: 210-720 Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured		www.wago.com/210-720

Downloads

Documentation

Bid Text

787-876 docx - Datei	2019 Jul 12	docx 21.4 kB	Download
787-876 X81 - Datei	2019 Jul 12	xml 5.7 kB	Download
ausschreiben.de 787-876		URL	Download

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Instruction Leaflet

Bleigel-Akku-Modul DC 24 V, 1,2 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

CAD data

2D/3D Models 787-876	URL	Download
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CAE data

EPLAN Data Portal 787-876	URL	Download
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WSCAD Universe 787-876	URL	Download
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ZUKEN Portal 787-876	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 787-876 Lead-acid AGM battery module; 24 VDC input voltage; 7.5 A output current; 1.2 Ah capacity; with battery control	URL	Download
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Installation Notes

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