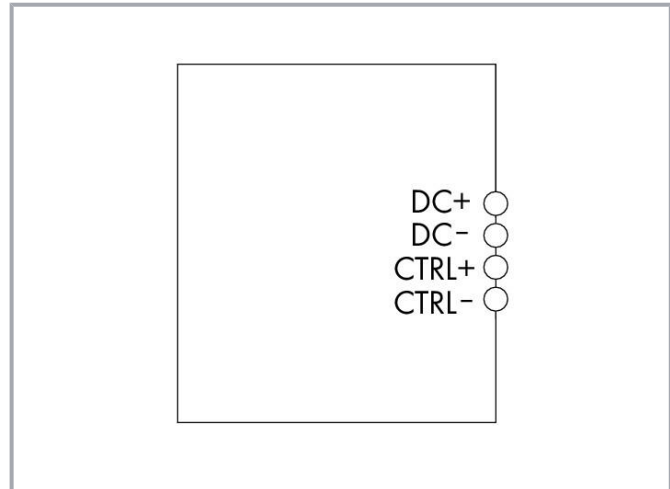
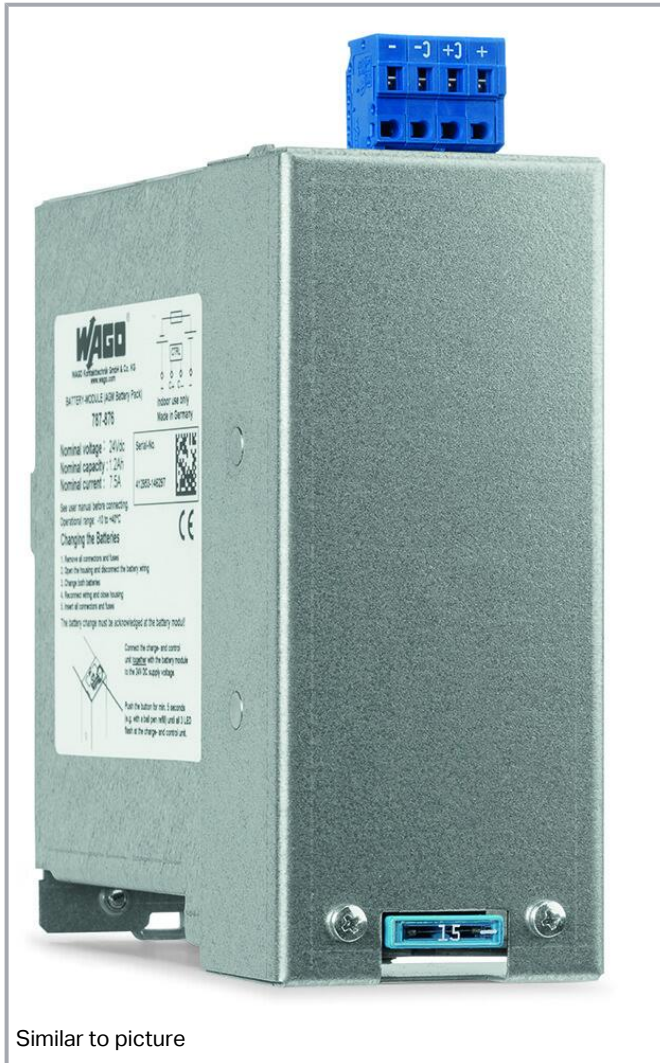


Data sheet | Item number: 787-876

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



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

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

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- Built-in temperature sensor
- DIN-35-rail mountable
- Battery control (from manufacturing no. 216570) detects both battery life and battery type

Data

Notes

Note	For parallel connection, please switch battery capacity setting to "OFF" in the UPS charger and controller.
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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 $I_{o\text{ nom}}$	7.5 A
---	-------

Energy storage systems

Battery capacity	1.2 Ah
Charging current	$\leq 0.3\text{ A}$
End-of-charge voltage	DC 27 V (25 °C)

Signaling and communication

Signaling

Circuit protection

Internal fuse	T 15 A
---------------	--------

Safety and protection

Protection class	III
Protection type	IP20; per EN 60529
Pollution degree	2
Series operation	No

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



MTBF	> 500,000 h (per IEC 61709)
Service life (typ.)	5 / 4 / 2 a (20 / 30 / 40 °C)

Connection data

Connection type 1	Input/Output/Battery control
Connection technology	CAGE CLAMP®
WAGO connector	WAGO 231 Series
Solid conductor	0.08 ... 2.5 mm² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm² / 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

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



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
Recupel Type	
PU (SPU)	1 pcs
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
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EAC
Brjansker Zertifizierungsstelle

TP TC 020/2011

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AM02.B.
00093-19



UL
Underwriters Laboratories Inc.

UL 508

E255817
UR

Declarations of conformity and manufacturer's declarations

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

Optional accessories

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

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 mm²

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 mm²

www.wago.com/787-1675

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

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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

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
WSCAD Universe 787-876	URL	Download
ZUKEN Portal 787-876	URL	Download

Asset Administration Shell

Asset Administration Shell 787-876	URL	Download
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Environmental Product Compliance

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Compliance Search

Environmental Product Compliance 787-876

URL

Download

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

Installation Notes

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