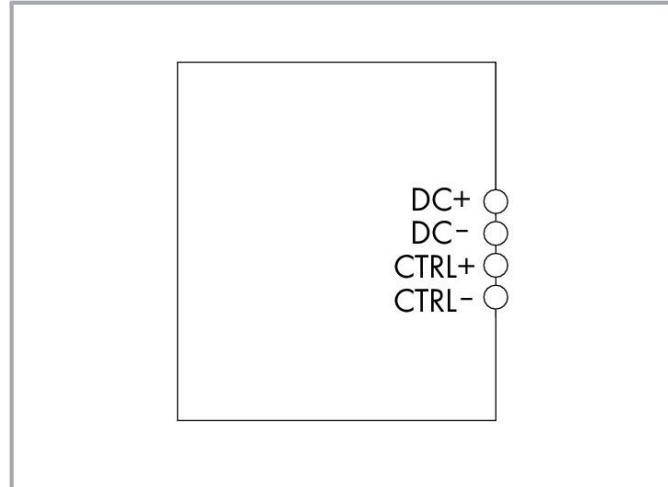


Data sheet | Item number: 787-1671

Lead-acid AGM battery module; 24 VDC input voltage; 5 A output current;

Capacity: 0.8 Ah; with battery control

www.wago.com/787-1671



Item description

Features:

- Lead-acid, absorbed glass mat (AGM) battery module for uninterruptible power supply (UPS)
- Can be connected to both 787-870/875 UPS Charger/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

Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

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
---	---------

Output

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

Nominal output current $I_{o\text{nom}}$	5 A
--	-----

Energy storage system

Battery capacity	0.8 Ah
------------------	--------

Charging current	0.2 A (recommended)
------------------	---------------------

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

Circuit protection

Internal fuse	T 10 A / 250 VAC
---------------	------------------

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)
---------------------	-------------------------------

Connection data

Connection type 1	Input/Output/Battery control
-------------------	------------------------------

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

WAGO GmbH & Co. KG

Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

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.



Connection technology	CAGE CLAMP®
WAGO connector	WAGO 721 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

Physical data

Width	72 mm / 2.835 inches
Height	97 mm / 3.819 inches
Depth from upper-edge of DIN-rail	124 mm / 4.882 inches

Mechanical Data

Mounting type	DIN-35 rail
---------------	-------------

Material Data

Fire load	0.124 MJ
Weight	1000 g

Environmental requirements

Ambient temperature (operation)	-15 ... +40 °C (-20 ... +40 °C (during discharge))
Ambient temperature (storage)	-20 ... +40 °C
Relative humidity	5 ... 80 % (no condensation permissible)

Standards and specifications

Conformity marking	CE
Standards/specifications	EN 61010-1 EN 61010-2-201
Standards/specifications (pending)	UL 508

Commercial data

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

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


Packaging type	box
Country of origin	DE
GTIN	4055143535724
Customs tariff number	85072080900

Environmental Product Compliance


RoHS Compliance Status	Compliant, No Exemption
------------------------	-------------------------

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

Declarations of conformity and manufacturer's declarations


Logo	Approval	Additional Approval Text	Certificate 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.: 2009-110 Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white	www.wago.com/2009-110

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

	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
Marker		
	Item no.: 2009-115 WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	www.wago.com/2009-115
	Item no.: 793-501 WMB marking card; as card; not stretchable; plain; snap-on type; white	www.wago.com/793-501
	Item no.: 793-5501 WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white	www.wago.com/793-5501
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

787-1671 X81 - Datei	2019 Jul 12	xml 5.6 kB	Download
787-1671 docx - Datei	2019 Jul 12	docx 21.5 kB	Download
ausschreiben.de 787-1671		URL	Download

Instruction Leaflet

Lead-Acid Absorbed Glass Mat (AGM) Battery Module DC 24 V, 0.8 Ah	2022 Mar 23	pdf 588.5 kB	Download
--	-------------	-----------------	----------

Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 Aug 18	pdf 2.2 MB	Download
---	------------------------	---------------	----------

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

WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
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.



CAD/CAE-Data

CAD data

2D/3D Models 787-1671	URL	Download
-----------------------	---------------------	--------------------------

CAE data

ZUKEN Portal 787-1671	URL	Download
-----------------------	---------------------	--------------------------

EPLAN Data Portal 787-1671	URL	Download
----------------------------	---------------------	--------------------------

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 787-1671	URL	Download
---	---------------------	--------------------------

Lead-acid AGM battery module; 24 VDC input voltage; 5 A output current; Capacity: 0.8 Ah; with battery control

Installation Notes

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

WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
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.