

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

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

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- 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.

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 systems

Battery capacity 0.8 Ah

Charging current 0.2 A (recommended)

End-of-charge voltage DC 27 V (25 °C)

Signaling and Communication

Signaling

Circuit protection

Internal fuse T 10 A / 250 VAC

Safety and protection

Protection class III

Protection type IP20; per EN 60529

Pollution degree 2

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



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
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
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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

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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
Recupel Type	
PU (SPU)	1 pcs
Packaging type	box
Country of origin	DE
GTIN	4055143535724
Customs tariff number	85072080900

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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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

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
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

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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
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
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 年7月12 日	xml 5.6 kB	Download
787-1671 docx - Datei	2019 年7月12 日	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 年3月23 日	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 年8月18 日	pdf 2.2 MB	Download
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CAD/CAE-Data

CAD data

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

ZUKEN Portal 787-1671	URL	Download
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EPLAN Data Portal 787-1671	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 787-1671	URL	Download
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Installation Notes

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