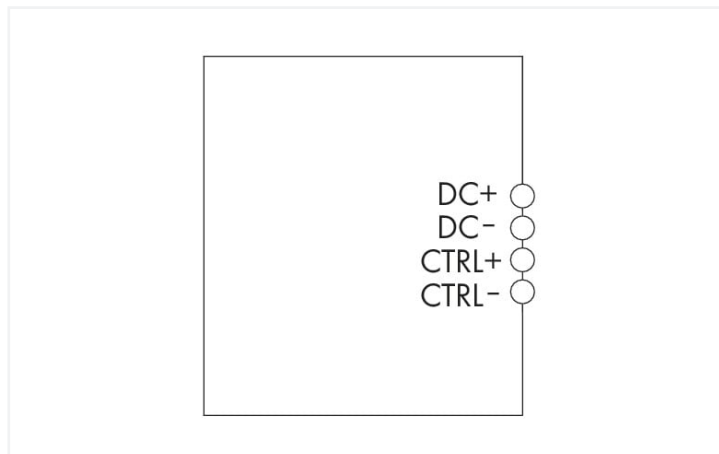


Data Sheet | Item Number: 787-1671

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

<https://www.wago.com/787-1671>



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

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)

Signaling and communication

Signaling Battery control (C+; 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
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

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



Approval	Standard	Certificate Name
EAC Brjansker Zertifizierungsstelle	TP TC 020/2011	RU_C-DE.AM02. B.00093-19

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 787-1671	↓
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Documentation

Bid Text

787-1671	12.07.2019	xml 5.51 KB	↓
787-1671	12.07.2019	docx 21.01 KB	↓
ausschreiben.de 787-1671			↓

Instruction Leaflet

Lead-Acid Absorbed Glass Mat (AGM) Battery Module	23.03.2022	pdf 574.72 KB	↓
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CAD/CAE-Data

CAD data

2D/3D Models 787-1671	↓
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CAE data

EPLAN Data Portal 787-1671	↓
ZUKEN Portal 787-1671	↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 Marking

1.1.1.1 Marker



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



Item No.: 793-501

WMB marking card; as card; not stretchable; plain; snap-on type; white



Item No.: 2009-115

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

1.1.1.2 Marking strip



Item No.: 2009-110

Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white



Item No.: 210-831

Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white



Item No.: 210-832

Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white

1.1.2 Power supply

1.1.2.1 Uninterruptible power supply



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



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

1.1.3 Tool

1.1.3.1 Operating tool



Item No.: 210-720

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured