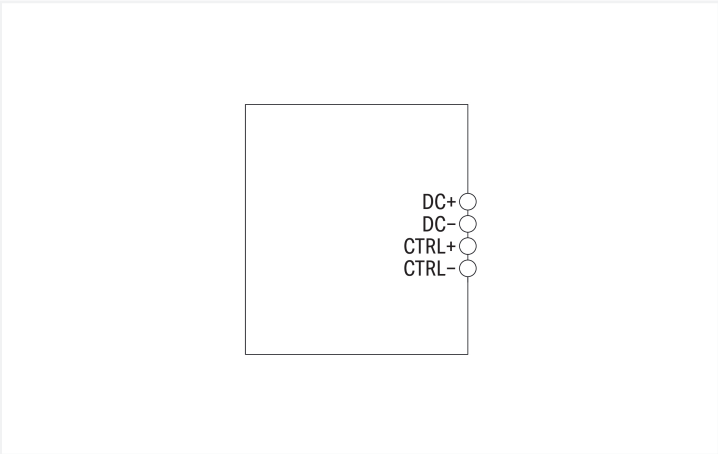
Data Sheet | Item Number: 787-1671

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
- Mounting on DIN-35 rail
- 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 $U_{i\,nom}$	24 VDC

Output

Nominal output voltage $U_{o\,nom}$	24 VDC
Nominal output current $I_{o\,nom}$	5 A

Energy storage systems

Memory type	Lead-acid fleece
Battery capacity	0.8 Ah; 19.2 Wh; 69.12 kJ
Charging current	0.2 A (recommended)
End-of-charge voltage	27 VDC (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
Parallel operation	Yes
Series operation	No
MTBF	> 500,000 h (per IEC 61709)
Service life (typ.)	5 / 4 / 2 a (20 / 30 / 40 °C)

Connection Data

Cable length (max.)	3 m

Connection 1

Connection type	Input/output/battery control
Connection technology	CAGE CLAMP®
WAGO connector	WAGO 721 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

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	0.11 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

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

Product Classification

UNSPSC	26111707
eCl@ss 10.0	27-05-04-03
eCl@ss 9.0	27-05-04-03
ETIM 9.0	EC000357
ETIM 10.0	EC000357
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 020/2011	EAC CoC 03081

Declarations of conformity and manufacturer's declarations

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

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 787-1671

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 AGM battery module	31.07.2025	pdf 3401.33 KB	
Lead-Acid Absorbed Glass Mat (AGM) Battery Module	23.03.2022	pdf 574.72 KB	

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CAD/CAE-Data

CAD data	CAE data
2D/3D Models 787-1671	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.: 210-831
Marking strips; 25 m on roll; 2.3 mm wide; plain; Self-adhesive; white

Item No.: 210-832
Marking strips; 25 m on roll; 3 mm wide; plain; Self-adhesive; white

Item No.: 2009-110
Marking strips; for Smart Printer; 50 m on roll; not stretchable; plain; snap-on type; 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

Item No.: 787-870
UPS charger and controller; 24 VDC input voltage; 24 VDC output voltage; 10 A output current; LineMonitor; communication capability

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