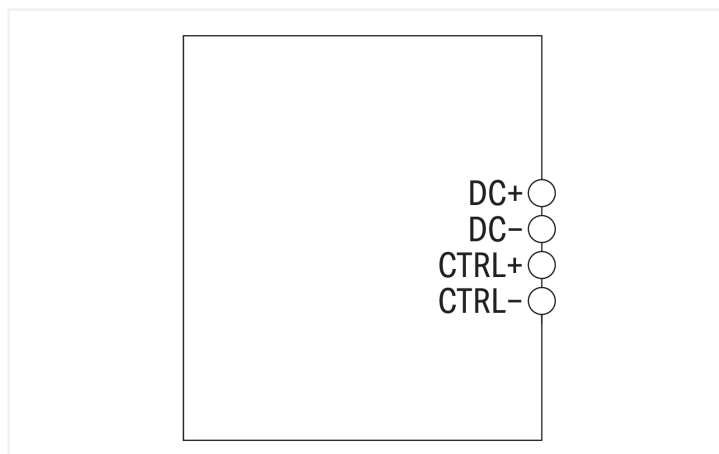


Data Sheet | Item Number: 787-1671

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.
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Technical data

Input		Output	
Nominal input voltage $U_{i\text{nom}}$	24 VDC	Nominal output voltage $U_{o\text{nom}}$	24 VDC
		Nominal output current $I_{o\text{nom}}$	5 A

Energy storage systems

Storage type	Lead-acid (AGM)
Battery capacity	0.8 Ah; 19.2 Ah; 69.12 Ah
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
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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 1	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	0.124 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		
PU (SPU)		1 pcs
Packaging type		Box
Country of origin		DE
GTIN		4055143535724
Customs tariff number		85072080900

Product classification		
UNSPSC		26111707

Environmental Product Compliance		
RoHS Compliance Status		Compliant,No Exemption

Approvals / Certificates

General approvals			Declarations of conformity and manufacturer's declarations		
			Approval	Standard	Certificate Name
Approval	Standard	Certificate Name	EU-Declaration of Confor-	-	-
EAC	TP TC 020/2011	EAC CoC 03081	mity		
GZO Almaty Standart			WAGO GmbH & Co. KG		

Downloads

Environmental Product Compliance		
Compliance Search		
Environmental Product Compliance 787-1671		

Documentation

Bid Text				Instruction Leaflet			
787-1671	12.07.2019	xml 5.51 KB		Lead-Acid Absorbed Glass Mat (AGM) Battery Module	23.03.2022	pdf 574.72 KB	
787-1671	12.07.2019	docx 21.01 KB					
ausschreiben.de 787-1671							



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.: 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



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