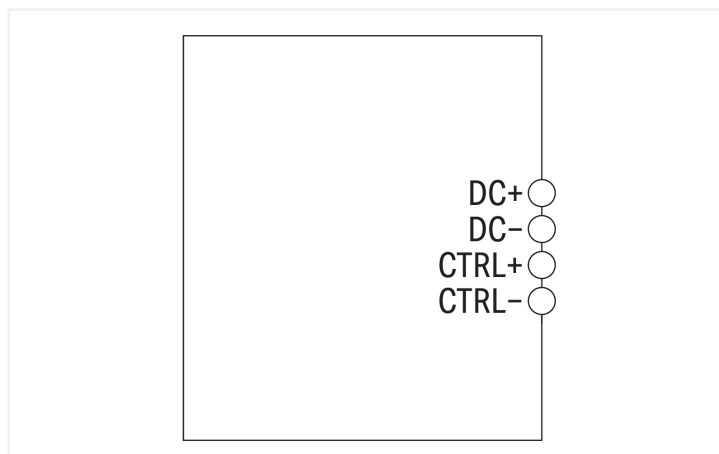


<https://www.wago.com/787-1671>



- 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

Note	For parallel connection, please switch battery capacity setting to "OFF" in the UPS charger and controller.
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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

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	Battery control (C+; C-)

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	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
eCl@ss 10.0	27-05-04-03
eCl@ss 9.0	27-05-04-03
ETIM 9.0	EC000357
ETIM 8.0	EC000357
ECCN	NO US CLASSIFICATION

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		Blei-Vlies-Akku-Modul; Eingangsspannung DC 24 V; Ausgangsstrom 20 A; Kapazität 3,2 Ah; mit Battery-Control	31.07.2025	pdf 3401.33 KB	
787-1671	12.07.2019	docx 21.01 KB					
ausschreiben.de 787-1671				Lead-Acid Absorbed Glass Mat (AGM) Battery Module	23.03.2022	pdf 574.72 KB	



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