EPSITRON® - Lead-Acid (AGM) Battery Modules

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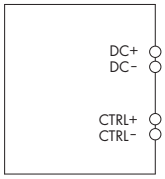

- Lead-acid Absorbed Glass Mat (AGM) battery module for uninterruptible power supply (UPS)
- Can be connected to 787-873 or 787-875 UPS Controller and power supply with integrated UPS charger and controller
- Parallel connection to increase the buffer time*
- Features built-in NTC K164 (4.7 kOhm) temperature sensor
- Battery control (from manufacturing no. 213412) detects both battery life and battery type
- With UL 508 approval (from manufacturing no. 416334)

Description	Item No.	Pack. Unit
Lead-acid Absorbed Glass Mat (AGM) battery module	**787-873**	1

Technical Data

Input:	
Nominal input voltage Vi nom	24 V DC
Output:	
Nominal output voltage Vo nom	24 V DC
Output current Io	40 A
Final load voltage	max. 27 V DC (at 25 °C)
Charging current	max. 3A
Capacity	12 Ah
Fuse protection:	
Internal fuse	2 x 25 AT

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

Technical Data

Environmental requirements:	
Ambient operating temperature	-10°C ... +40°C
Storage temperature	-20 °C ... +40 °C
Service life	typ. 5/ 4/ 2 years
	at 20 °C/ 30 °C/ 40 °C
Safety and protection:	
Temperature sensor	NTC K164 (4.7 kΩ)
Protection class	III
Degree of protection	IP20 (acc. to EN 60529)
Connection and type of mounting:	
Wire connection	Input/Output: WAGO 831 Series
	Battery Control: WAGO 231 Series
Cross sections	Input/Output:
	0.5 mm² ... 10 mm² / AWG 20 ... 8
	Battery Control:
	0.08 mm² ... 2.5 mm² / AWG 28 ... 12
Strip lengths	Input/Output: 13 ... 15 mm / 0.55 in
	Battery Control: 8 ... 9 mm / 0.33 in
Line length	≤ 3 m (Input, Output, Battery Control)
Type of mounting	Screw mount
Dimensions and weight:	
Dimensions (mm) W x H x L	120.5 x 239 x 217.5
Weight	10830 g
Standards and approvals:	
Standards/Specifications	Battery is tested to VdS, UL 508