

Data sheet | Item number: 787-876

Lead-acid AGM battery module; 24 VDC input voltage; 7.5 A output current;
1.2 Ah capacity; with battery control

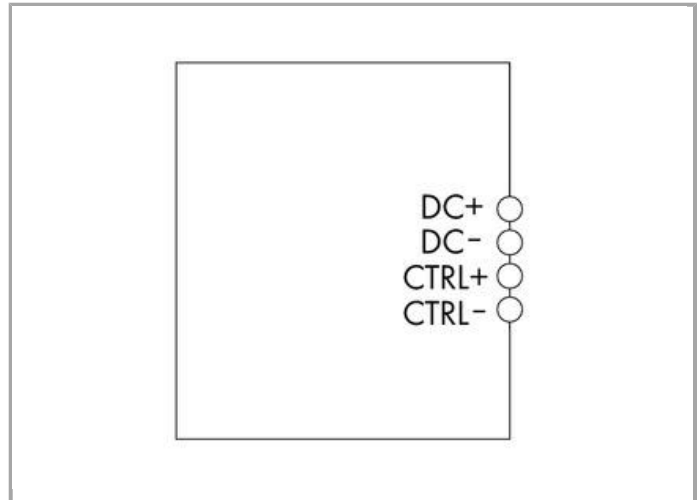
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Item description

Features:

- Lead-acid, absorbed glass mat (AGM) battery module for uninterruptible power supply (UPS)
- Can be connected to both 787-870 UPS Charger and 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 mounting
- Battery control (from manufacturing no. 216570 onwards) detects both battery life and battery type



Data

Technical Data

Input

Nominal input voltage $U_{i\text{ nom}}$	24 VDC
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Output

Nominal output voltage $U_{o\text{ nom}}$	24 VDC
Nominal output current $I_{o\text{ nom}}$	7.5 A

Energy storage

Battery capacity	1.2
Charging current	$\leq 0.3\text{A}$
End-of-charge voltage	27 VDC (25 °C)

Signaling and communication

Signaling	Battery Control (C+, C-)
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Fuse protection:

Internal fuse	T 15 A
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Safety and protection:

Protection class	III
Degree of protection	IP20 (per EN 60529)
Series connection	No
MTBF	> 500,000 h (per IEC 61709)
Service life typ.	5 / 4 / 2a (20 / 30 / 40°C)

Connection data

Connection type (1)	Input/Output/Battery control
Connection technology	CAGE CLAMP®
WAGO terminal	WAGO 231 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 Inch
Max. line length	3 m (Input, Output, Battery Control)

Geometrical Data

Width	55 mm / 2.165 inch
Height	153 mm / 6.024 inch
Length from upper-edge of DIN-35 rail	126.6 mm / 4.984 inch
Note on dimensions	Height including female connector

Mechanical data

Type of mounting	DIN-35 rail (EN 60715)
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Material Data

Weight	2140 g
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Environmental Requirements

Surrounding air (operating) temperature	-10 ... 40 °C
Surrounding air (storage) temperature	-20 ... 40 °C
Pollution degree	2

Standards and specifications

Conformity marking	CE
Standards/specifications	Battery is tested to UL 508

Commercial data

Country of origin	DE
GTIN	4050821298243
Customs Tariff No.	85072080900
Product Group	6 (Interface Electronics)

Approvals / Certificates

UL-Approvals

Logo	Approval	Certificate name
	UL UL Multiple Listing UL LLC	E255817 UR

Compatible products

Marking accessories



Item no.: 210-831
Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive

www.wago.com/210-831



Item no.: 210-832
Marking strips; on reel; 3 mm wide; plain; Self-adhesive

www.wago.com/210-832

tools



Item no.: 210-720
Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm

www.wago.com/210-720

General accessories



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

www.wago.com/787-1675



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

www.wago.com/787-870

ferrule



Item no.: 216-201
Ferrule; Sleeve for 0.5 mm² / AWG 22; insulated; electro-tin plated

www.wago.com/216-201



Item no.: 216-202
Ferrule; Sleeve for 0.75 mm² / AWG 20; insulated; electro-tin plated

www.wago.com/216-202



Item no.: 216-203
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated

www.wago.com/216-203



Item no.: 216-204
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated

www.wago.com/216-204



Item no.: 216-221
Ferrule; Sleeve for 0.5 mm² / AWG 22; insulated; electro-tin plated

www.wago.com/216-221



Item no.: 216-222
Ferrule; Sleeve for 0.75 mm² / AWG 20; insulated; electro-tin plated

www.wago.com/216-222



Item no.: 216-223
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated

www.wago.com/216-223



Item no.: 216-224
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated

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Item no.: 216-241
Ferrule; Sleeve for 0.5 mm² / AWG 22; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

www.wago.com/216-241



Item no.: 216-242
Ferrule; Sleeve for 0.75 mm² / AWG 20; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

www.wago.com/216-242



Item no.: 216-243
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90









www.wago.com/216-243



Item no.: 216-244
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

www.wago.com/216-244

Item no.: 216-262

	Ferrule; Sleeve for 0.75 mm ² / AWG 20; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	www.wago.com/216-262
	Item no.: 216-263 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	www.wago.com/216-263
	Item no.: 216-264 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	www.wago.com/216-264
	Item no.: 216-284 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	www.wago.com/216-284
	Item no.: 216-301 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated	www.wago.com/216-301
	Item no.: 216-302 Ferrule; Sleeve for 0.34 mm ² / AWG 24; insulated; electro-tin plated	www.wago.com/216-302
	Item no.: 216-321 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated	www.wago.com/216-321
	Item no.: 216-322 Ferrule; Sleeve for 0.34 mm ² / AWG 24; insulated; electro-tin plated	www.wago.com/216-322

Downloads

Documentation

Bid Text

787-876 Stromversorgung EPSITRON	Jan 14, 2016	DOC 31.2 kB	Download
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Instruction Leaflet

EPSITRON Lead Gel Battery Modules 24 VDC, 1.2 Ah	Sep 19, 2016	PDF 1.2 MB	Download
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Additional Information

Disposal; Electrical and electronic equipment, Packaging	Oct 15, 2018	265.8 kB	Download
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smartDATA

CAD data

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Subject to changes.

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