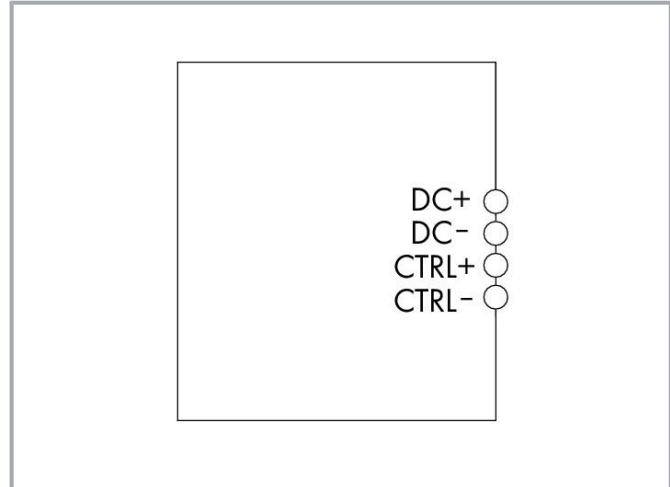


## Data sheet | Item number: 787-1671

Lead-acid AGM battery module; 24 VDC input voltage; 5 A output current;  
Capacity: 0.8 Ah; with battery control

[www.wago.com/787-1671](http://www.wago.com/787-1671)



## Item description

### 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

## Data

### Notes

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

## Technical data

Subject to changes. Please also observe the further product documentation!

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## Input

|                                          |         |
|------------------------------------------|---------|
| Nominal input voltage $U_{i\text{ nom}}$ | DC 24 V |
|------------------------------------------|---------|

## Output

|                                           |         |
|-------------------------------------------|---------|
| Nominal output voltage $U_{o\text{ nom}}$ | DC 24 V |
| Nominal output current $I_{o\text{ nom}}$ | 5 A     |

## Energy storage systems

|                       |                     |
|-----------------------|---------------------|
| Battery capacity      | 0.8 Ah              |
| Charging current      | 0.2 A (recommended) |
| End-of-charge voltage | DC 27 V (25 °C)     |

## Signaling and communication

|           |  |
|-----------|--|
| Signaling |  |
|-----------|--|

## Circuit protection

|               |                  |
|---------------|------------------|
| Internal fuse | T 10 A / 250 VAC |
|---------------|------------------|

## Safety and protection

|                     |                               |
|---------------------|-------------------------------|
| Protection class    | III                           |
| Protection type     | IP20; per EN 60529            |
| Pollution degree    | 2                             |
| Series operation    | No                            |
| MTBF                | > 500,000 h (per IEC 61709)   |
| Service life (typ.) | 5 / 4 / 2 a (20 / 30 / 40 °C) |

## Connection data

|                         |                                   |
|-------------------------|-----------------------------------|
| 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 |

Subject to changes. Please also observe the further product documentation!



|                     |     |
|---------------------|-----|
| Cable length (max.) | 3 m |
|---------------------|-----|

**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<br>EN 61010-2-201 |
| Standards/specifications (pending) | UL 508                       |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| eCl@ss 10.0           | 27-05-04-03   |
| eCl@ss 9.0            | 27-05-04-03   |
| ETIM 8.0              | EC000357      |
| ETIM 7.0              | EC000357      |
| Recupel Type          |               |
| PU (SPU)              | 1 pcs         |
| Packaging type        | box           |
| Country of origin     | DE            |
| GTIN                  | 4055143535724 |
| Customs tariff number | 85072080900   |

Subject to changes. Please also observe the further product documentation!

## Environmental Product Compliance

RoHS Compliance Status

Compliant, No Exemption

## Approvals / Certificates

### General approvals

| Logo                                                                             | Approval                                      | Additional Approval Text | Certificate name                |
|----------------------------------------------------------------------------------|-----------------------------------------------|--------------------------|---------------------------------|
|  | <b>EAC</b><br>Brjansker Zertifizierungsstelle | TP TC 020/2011           | RU_C-DE.<br>AM02.B.<br>00093-19 |

### Declarations of conformity and manufacturer's declarations

| Logo                                                                             | Approval                                                  | Additional Approval Text | Certificate name |
|----------------------------------------------------------------------------------|-----------------------------------------------------------|--------------------------|------------------|
|  | <b>EU-Declaration of Conformity</b><br>WAGO GmbH & Co. KG | -                        | -                |

## Optional accessories

### Power supplies

#### Uninterruptible power supply

|                                                                                   |                                                                                                                                                                                                              |                                                                  |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
|  | <b>Item no.: 787-870</b><br>UPS charger and controller; 24 VDC input voltage; 24 VDC output voltage; 10 A output current; LineMonitor; communication capability; 2,50 mm <sup>2</sup>                        | <a href="http://www.wago.com/787-870">www.wago.com/787-870</a>   |
|  | <b>Item no.: 787-1675</b><br>Switched-mode power supply with integrated charger and controller; Classic; 1-phase; 24 VDC output voltage; 5 A output current; communication capability; 10,00 mm <sup>2</sup> | <a href="http://www.wago.com/787-1675">www.wago.com/787-1675</a> |

### Tool

#### Operating tool

|                                                                                    |                                                                                                                  |                                                                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
|  | <b>Item no.: 210-720</b><br>Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured | <a href="http://www.wago.com/210-720">www.wago.com/210-720</a> |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|

### Marking accessories

#### Marking strip

|                                                                                    |                                                                                                                      |                                                                  |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
|  | <b>Item no.: 2009-110</b><br>Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white | <a href="http://www.wago.com/2009-110">www.wago.com/2009-110</a> |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|

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**Item no.: 210-831**

Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white

[www.wago.com/210-831](http://www.wago.com/210-831)**Item no.: 210-832**

Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white

[www.wago.com/210-832](http://www.wago.com/210-832)**Marker****Item no.: 2009-115**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

[www.wago.com/2009-115](http://www.wago.com/2009-115)**Item no.: 793-501**

WMB marking card; as card; not stretchable; plain; snap-on type; white

[www.wago.com/793-501](http://www.wago.com/793-501)**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

[www.wago.com/793-5501](http://www.wago.com/793-5501)**Downloads****Documentation****Bid Text**

|             |             |        |          |
|-------------|-------------|--------|----------|
| 787-1671    | 2019 Jul 12 | xml    | Download |
| X81 - Datei |             | 5.6 kB |          |

|              |             |         |          |
|--------------|-------------|---------|----------|
| 787-1671     | 2019 Jul 12 | docx    | Download |
| docx - Datei |             | 21.5 kB |          |

|                          |  |     |          |
|--------------------------|--|-----|----------|
| ausschreiben.de 787-1671 |  | URL | Download |
|--------------------------|--|-----|----------|

**Instruction Leaflet**

|                                                   |             |          |          |
|---------------------------------------------------|-------------|----------|----------|
| Lead-Acid Absorbed Glass Mat (AGM) Battery Module | 2022 Mar 23 | pdf      | Download |
| DC 24 V, 0.8 Ah                                   |             | 588.5 kB |          |

**Additional Information**

|                                                           |             |        |          |
|-----------------------------------------------------------|-------------|--------|----------|
| Disposal and Recycling                                    | V 1.1.0     | pdf    | Download |
| Electrical and electronic equipment, Batteries, Packaging | 2022 Aug 18 | 2.2 MB |          |

**CAD/CAE-Data****CAD data****2D/3D Models 787-1671**

Subject to changes. Please also observe the further product documentation!

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|                       |                     |                          |
|-----------------------|---------------------|--------------------------|
| LEADS module 787-1671 | <a href="#">URL</a> | <a href="#">Download</a> |
|-----------------------|---------------------|--------------------------|

CAE data

|                       |                     |                          |
|-----------------------|---------------------|--------------------------|
| ZUKEN Portal 787-1671 | <a href="#">URL</a> | <a href="#">Download</a> |
|-----------------------|---------------------|--------------------------|

|                            |                     |                          |
|----------------------------|---------------------|--------------------------|
| EPLAN Data Portal 787-1671 | <a href="#">URL</a> | <a href="#">Download</a> |
|----------------------------|---------------------|--------------------------|

Asset Administration Shell

|                                     |                     |                          |
|-------------------------------------|---------------------|--------------------------|
| Asset Administration Shell 787-1671 | <a href="#">URL</a> | <a href="#">Download</a> |
|-------------------------------------|---------------------|--------------------------|

Environmental Product Compliance

Compliance Search

|                                                                                                                |                     |                          |
|----------------------------------------------------------------------------------------------------------------|---------------------|--------------------------|
| Environmental Product Compliance 787-1671                                                                      | <a href="#">URL</a> | <a href="#">Download</a> |
| Lead-acid AGM battery module; 24 VDC input voltage; 5 A output current; Capacity: 0.8 Ah; with battery control |                     |                          |

Installation Notes

Subject to changes. Please also observe the further product documentation!