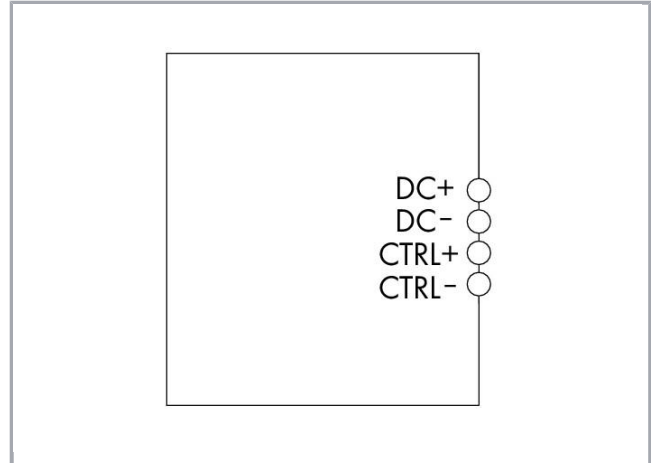
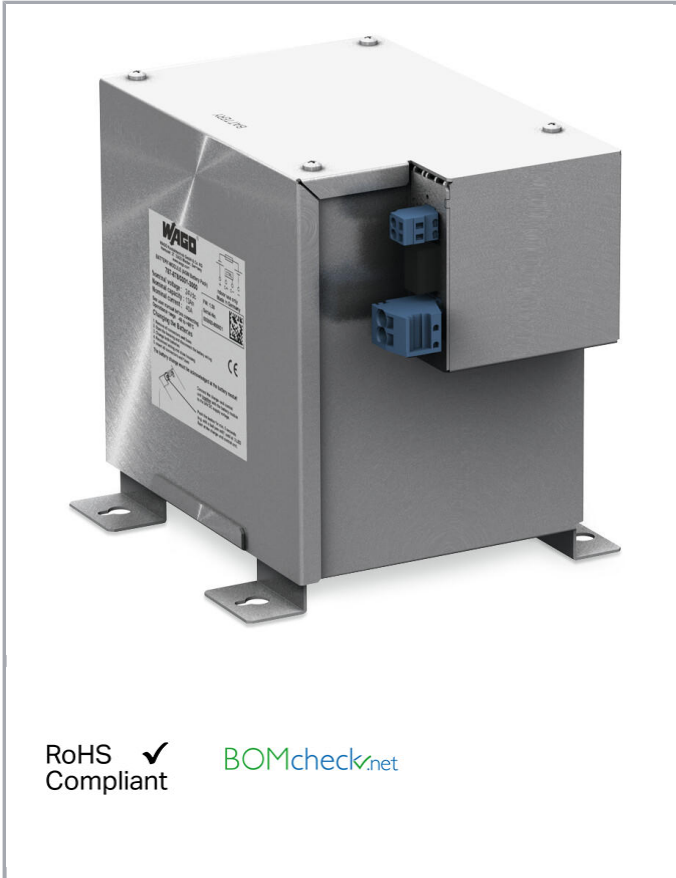


**Data sheet | Item number: 787-878/001-3000**

Pure Lead Battery Module; 24 VDC input voltage; 40 A output current;  
Capacity: 13 Ah; with battery control

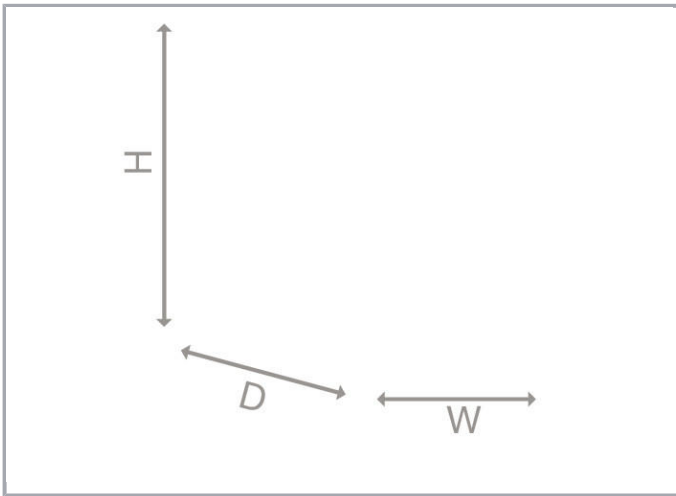
[www.wago.com/787-878/001-3000](http://www.wago.com/787-878/001-3000)



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

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Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



## Item description

### Features:

- Pure lead battery module: 2 x Genesis EPX battery per module
- Intelligent battery management (battery control)
- Optional coated PCB
- Pluggable connection technology (WAGO MULTI CONNECTION SYSTEM)

## Data

### Technical Data

#### Input

Nominal input voltage $U_{i\text{nom}}$	DC 24 V
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#### Output

Nominal output voltage $U_{o\text{nom}}$	DC 24 V
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Nominal output current $I_{o\text{nom}}$	40 A
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#### Energy storage

Battery capacity	13 Ah
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Charging current	$\leq 5$ A
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End-of-charge voltage	DC 27 V (25 °C)
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Subject to changes. Please also observe the further product documentation!

## Signaling and communication

Signaling	Battery control (C+; C-)
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## Fuse protection:

Internal fuse	2 x T 25 A
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## Safety and protection:

Protection class	III
Protection class	IP20 (per EN 60529)
Overvoltage category	I
Parallel operation	Yes
Service life typ.	15 / 8 / 4 a (20 / 30 / 40 °C)

## Connection data

Connection type (1)	Input/Output
Connection technology	Push-in CAGE CLAMP®
WAGO terminal	WAGO 831 Series
Solid conductor	0,5 ... 10 mm <sup>2</sup> / 20 ... 8 AWG
Fine-stranded conductor	0,5 ... 10 mm <sup>2</sup> / 20 ... 8 AWG
Strip length	13 ... 15 mm / 0.51 ... 0.59 inch
Connection type (2)	Battery control
Connection technology 2	CAGE CLAMP®
WAGO terminal 2	WAGO 231 Series
Solid conductor (2)	0,08 ... 2,5 mm <sup>2</sup> / 28 ... 12 AWG
Fine-stranded conductor (2)	0,08 ... 2,5 mm <sup>2</sup> / 28 ... 12 AWG
Strip length (2)	8 ... 9 mm / 0.31 ... 0.35 inch
Max. line length	3 m

## Geometrical Data

Width	217 mm / 8.543 inch
Height	186 mm / 7.323 inch
Depth	199,5 mm / 7.854 inch

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



## Mechanical data

Type of mounting	Direct screw connection
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## Material Data

Weight	12300 g
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## Environmental Requirements

Surrounding air (operating) temperature	-40 ... 60 °C
Surrounding air (storage) temperature	-40 ... 60 °C
Pollution degree	2
Self-discharging	3 % per month at 20 °C
Commissioning	< 6 months at 30 ... 40 °C

## Standards and specifications

Conformity marking	CE
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## Commercial data

Packaging type	BOX
Country of origin	DE
GTIN	4055143739177
Customs Tariff No.	85044082900

## Counterpart

### Downloads

#### Documentation

##### Instruction Leaflet

Pure lead battery module DC 24 V, 2.5 Ah / DC 24 V, 13 Ah	Jan 8, 2018	pdf 347.7 kB	Download
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## Installation Notes

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