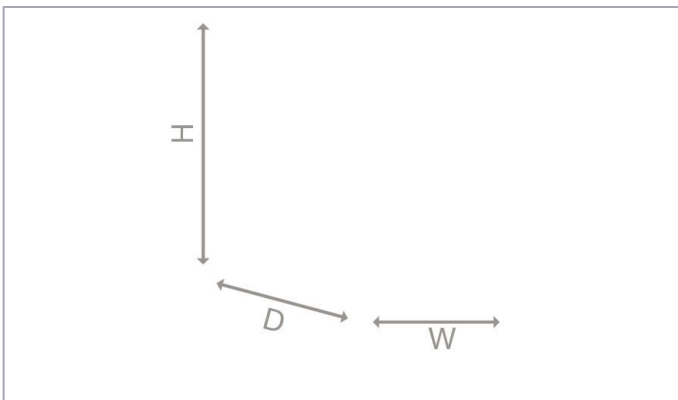
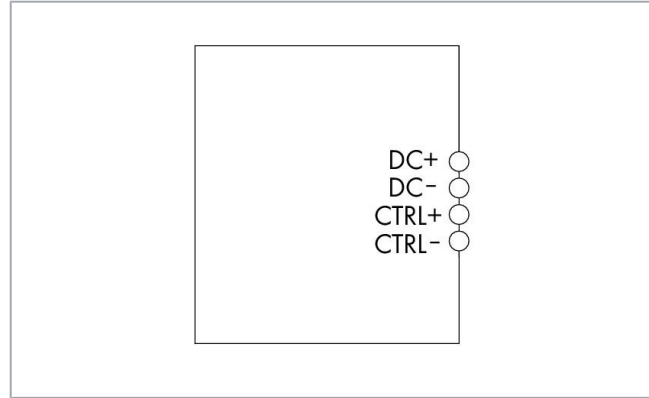
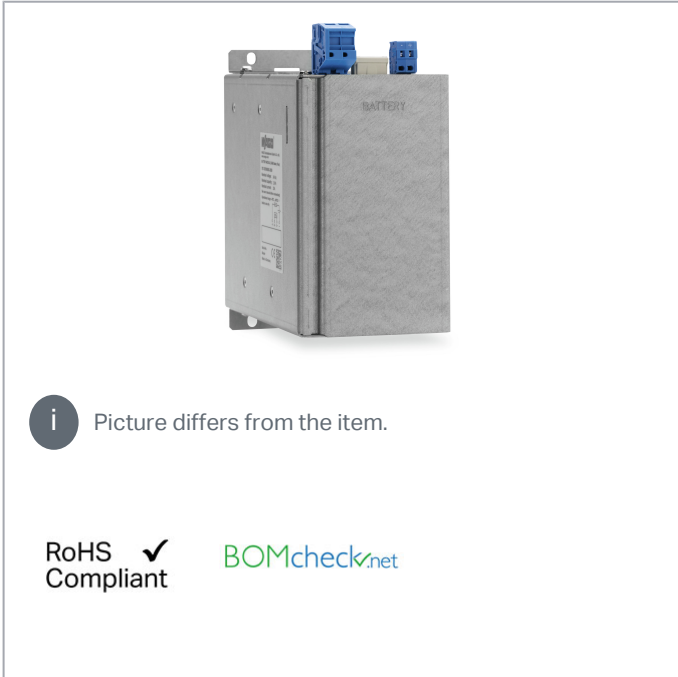


Data sheet | Item number: 787-878/000-2500

Pure Lead Battery Module; 24 VDC input voltage; 20 A output current;
Capacity: 2.5 Ah; with battery control

www.wago.com/787-878/000-2500



Item description

Features:

- Pure lead battery module: 12 x CYCLON battery (D cell) per module
- Various mounting options
- Intelligent battery management (battery control)
- Optional coated PCB

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

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

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We are always happy to take your call at +49 (571) 887-44222.



- Pluggable connection technology (WAGO MULTI CONNECTION SYSTEM)

Data

Technical data

Input

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

Output

Nominal output voltage $U_{o\text{nom}}$	DC 24 V
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Nominal output current $I_{o\text{nom}}$	20 A
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Energy storage system

Battery capacity	2.5 Ah
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Charging current	≤ 5 A
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End-of-charge voltage	DC 27 V (25 °C)
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Signaling and communication

Signaling	Battery control (C+; C-)
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Circuit protection

Internal fuse	T 25 A
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Safety and protection

Protection class	III
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Protection type	IP20 (per EN 60529)
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Overvoltage category	I
----------------------	---

Pollution degree	2
------------------	---

Parallel operation	Yes
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Service life (typ.)	15 / 8 / 4 a (20 / 30 / 40 °C)
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Connection data

Connection type (1)	Input/Output
---------------------	--------------

Connection technology	CAGE CLAMP®
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WAGO Connector	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
Connection type 2	Battery control
Connection technology 2	CAGE CLAMP®
WAGO Connector 2	WAGO 231 Series
Solid conductor 2	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded conductor 2	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Strip length 2	8 ... 9 mm / 0.31 ... 0.35 inch
Line length (max.)	3 m

Physical data

Width	86 mm / 3.386 inch
Height	186 mm / 7.323 inch
Depth	160 mm / 6.299 inch

Mechanical data

Mounting type	Direct screw connection Optional DIN-rail mount (EN 60715)
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Material data

Weight	3800 g
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Environmental requirements

Surrounding air temperature (operation)	-40 ... 60 °C
Surrounding air temperature (storage)	-40 ... 60 °C
Relative humidity	5 ... 80 % (no condensation permissible)
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	4055143738101
Customs tariff number	85044082900

Downloads

Documentation

Bid Text

787-878/000-2500 X81 - Datei	12. 12. 2019	xml 5.3 kB	Download
787-878/000-2500 docx - Datei	12. 12. 2019	docx 18.5 kB	Download

Instruction Leaflet

Pure lead battery module DC 24 V, 2.5 Ah / DC 24 V, 13 Ah	8. 1. 2018	pdf 347.7 kB	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 787-878/000-2500 Pure Lead Battery Module; 24 VDC input voltage; 20 A output current; Capacity: 2.5 Ah; with battery control	URL	Download
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Installation Notes

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

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