

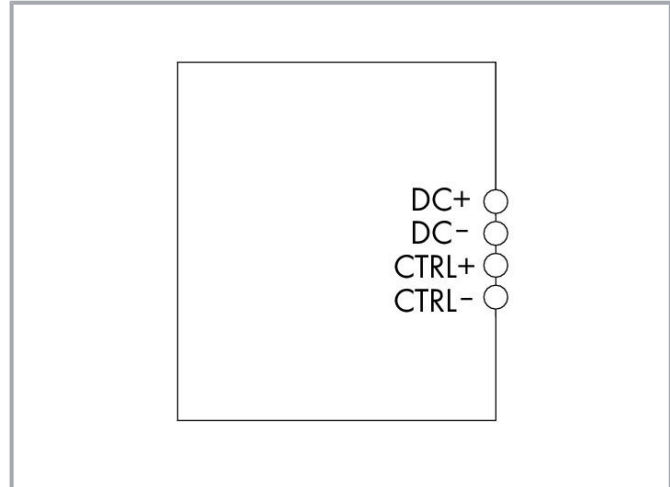
Data sheet | Item number: 787-878/001-3000

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



i Picture differs from the item.



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

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

Nominal output voltage $U_{o\ nom}$

DC 24 V

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Nominal output current $I_{o\ nom}$	40 A
Protection class	III
Protection type	IP20 (per EN 60529)
Overvoltage category	I
Pollution degree	2
Parallel operation	Yes
Service life (typ.)	15 / 8 / 4 a (20 / 30 / 40 °C)
Internal fuse	2 x T 25 A
Nominal input voltage $U_{i\ nom}$	DC 24 V
Signaling	Battery control (C+; C-)
Battery capacity	13 Ah
Charging current	≤ 5 A
End-of-charge voltage	DC 27 V (25 °C)

Connection data

Connection type (1)	Input/Output
Connection technology	Push-in CAGE CLAMP®
WAGO Connector	WAGO 831 Series
Solid conductor	0.5 ... 10 mm ² / 20 ... 8 AWG
Fine-stranded conductor	0.5 ... 10 mm ² / 20 ... 8 AWG
Strip length	13 ... 15 mm / 0.51 ... 0.59 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	217 mm / 8.543 inch
Height	186 mm / 7.323 inch
Depth	199.5 mm / 7.854 inch

Mechanical data

Mounting type	Direct screw connection
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Subject to changes. Please also observe the further product documentation!



Material data

Weight	12300 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)
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

PU (SPU)	1 Stück
Packaging type	box
Country of origin	DE
GTIN	4055143739177
Customs tariff number	85044082900

Downloads

Documentation

Bid Text

787-878/001-3000 docx - Datei	2019. 12. 12.	docx 18.5 kB	Download
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787-878/001-3000 X81 - Datei	2019. 12. 12.	xml 5.2 kB	Download
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Instruction Leaflet

Pure lead battery module DC 24 V, 2.5 Ah / DC 24 V, 13 Ah	2021. 4. 22.	pdf 386.0 kB	Download
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Environmental Product Compliance

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Compliance Search

Environmental Product Compliance 787-878/001-3000

URL

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

Installation Notes

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