

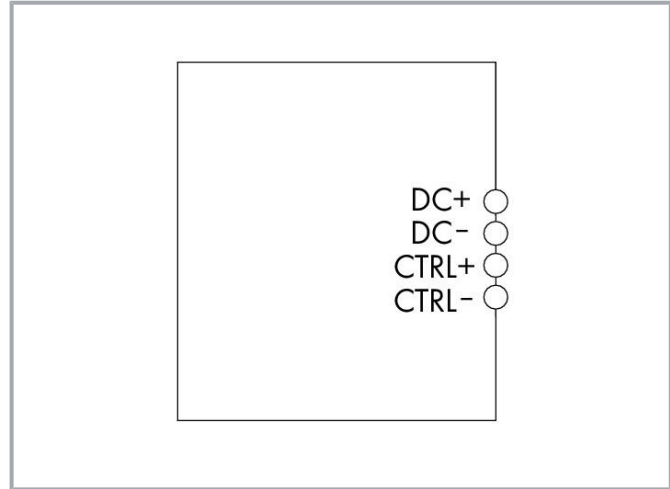
Data sheet | Item number: 787-878/001-3000

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



 Picture differs from the item.



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

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

WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
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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.



Output

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

Energy storage systems

Battery capacity	13 Ah
Charging current	$\leq 5\ A$
End-of-charge voltage	DC 27 V (25 °C)

Signaling and communication

Signaling	
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Circuit protection

Internal fuse	2 x T 25 A
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Safety and protection

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)

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 inches
Connection type 2	Battery control
Connection technology 2	CAGE CLAMP®
WAGO connector 2	WAGO 231 Series

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



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 inches
Cable length (max.)	3 m

Physical data

Width	217 mm / 8.543 inches
Height	186 mm / 7.323 inches
Depth	199.5 mm / 7.854 inches

Mechanical Data

Mounting type	Direct screw connection
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Material data

Weight	12300 g
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Environmental requirements

Ambient temperature (operation)	-40 ... +60 °C
Ambient temperature (storage)	-40 ... +60 °C
Relative humidity	5 ... 80 % (no condensation permissible)
Self-discharge	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

ETIM 8.0	EC000357
ETIM 7.0	EC000357
Recupel Type	
PU (SPU)	1 pcs
Packaging type	box
Country of origin	DE
GTIN	4055143739177
Customs tariff number	85044083900

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Environmental Product Compliance

RoHS Compliance Status

Compliant, No Exemption

Approvals / Certificates

General approvals

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

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Downloads

Documentation

Bid Text

787-878/001-3000 docx - Datei	2019 Dec 12	docx 18.5 kB	Download
787-878/001-3000 X81 - Datei	2019 Dec 12	xml 5.2 kB	Download
ausschreiben.de 787-878/001-3000		URL	Download

Instruction Leaflet

Pure lead battery module DC 24 V, 2.5 Ah / DC 24 V, 13 Ah	2021 Apr 22	pdf 386.0 kB	Download
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CAD/CAE-Data

CAD data

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2D/3D Models 787-878/001-3000	URL	Download
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Installation Notes

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