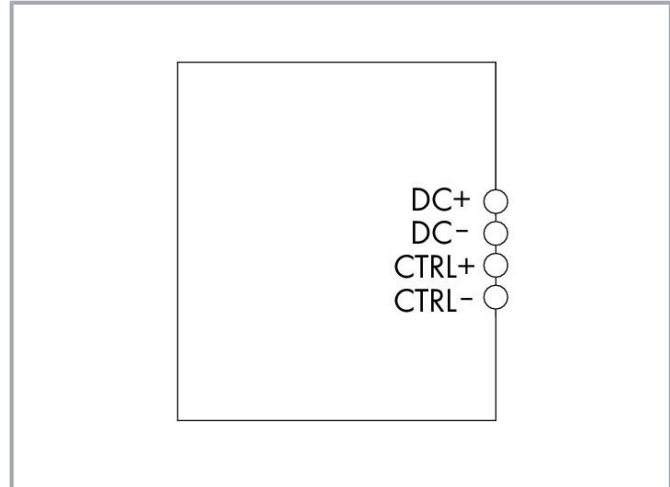


Data sheet | Item number: 787-878/001-3000

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



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
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.



Output

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

Energy storage system

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

Circuit protection

Internal fuse	2 x T 25 A
---------------	------------

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
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

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
 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.



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
---------------	-------------------------

Material Data

Weight	12300 g
--------	---------

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
--------------------	----

Commercial data

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


Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
------------------------	-------------------------


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

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
--	-------------	-----------------	----------

CAD/CAE-Data

CAD data

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

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



Environmental Product Compliance

Compliance Search

Environmental Product Compliance 787-878/001-3000	URL	Download
Pure Lead Battery Module; 24 VDC input voltage; 40 A output current; Capacity: 13 Ah; with battery control		

Installation Notes

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