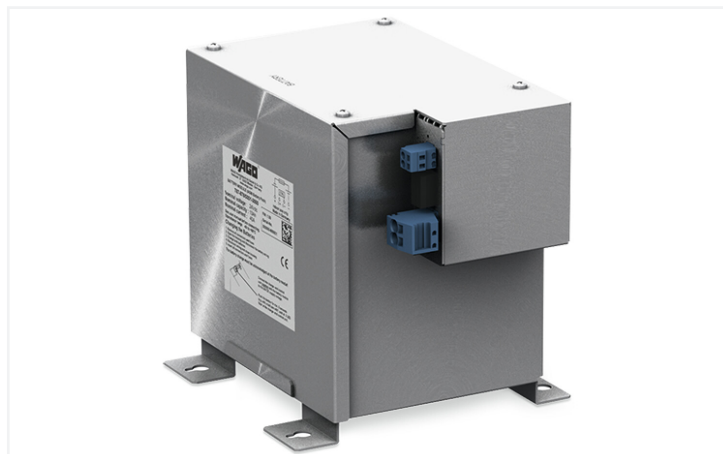


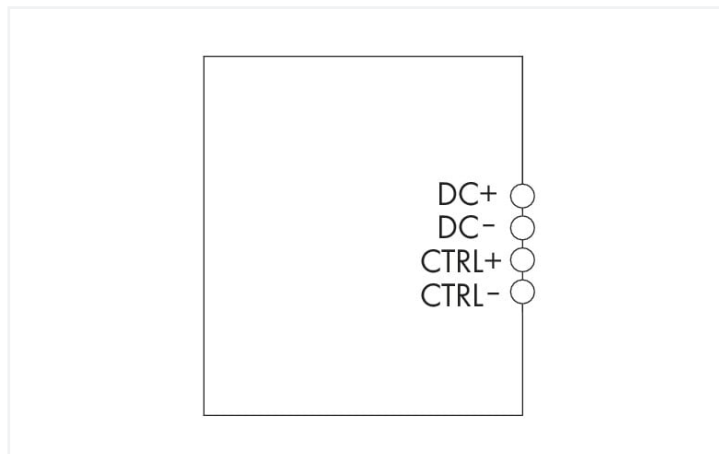
Data Sheet | Item Number: 787-878/001-3000

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

<https://www.wago.com/787-878/001-3000>



Similar to illustration



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)

Technical data

Input

Nominal input voltage $U_{i, nom}$ DC 24 V

Output

Nominal output voltage $U_{o, nom}$ DC 24 V

Nominal output current $I_{o, nom}$ 40 A

Energy storage system

Battery capacity 13 Ah

Charging current ≤ 5 A

End-of-charge voltage DC 27 V (25 °C)

Signaling and communication

Signaling Battery control (C+; 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	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

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

Fire load	0 MJ
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
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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

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
EAC Brjansker Zertifizierungs- stelle	TP TC 020/2011	RU_C-DE.AM02. B.00093-19

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

Downloads

Environmental Product Compliance




Compliance Search

Environmental Product
Compliance
787-878/001-3000



Documentation

Bid Text

787-878/001-3000	12.12.2019	xml 5.11 KB	
787-878/001-3000	12.12.2019	docx 18.06 KB	
ausschreiben.de 787-878/001-3000			

Instruction Leaflet

Pure lead battery mo- dule	22.04.2021	pdf 376.95 KB	
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CAD/CAE-Data

CAD data

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

