

**CP A BATTERY 24V DC12AH****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



The Weidmüller battery modules consist of high-quality Panasonic batteries. These are sealed, maintenance-free lead-fleece batteries. The battery modules are fitted with a temperature sensor to provide optimum battery charging and battery life. This facilitates temperature-compensated charging of the batteries.

The neat design as well as the plug-in connections for the battery connection and the temperature sensor allow the batteries to be fitted safely and quickly.

**General ordering data**

Version	Battery
Order No.	<a href="#">1251090000</a>
Type	CP A BATTERY 24V DC12AH
GTIN (EAN)	4050118043129
Qty.	1 pc(s).
Delivery status	<b>This article will no longer be available in the future.</b>
Available until	2021-07-31
Alternative product	<a href="#">2789920000</a>

Creation date December 14, 2021 11:04:22 PM CET

Catalogue status 30.11.2021 / We reserve the right to make technical changes.

## CP A BATTERY 24V DC12AH

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## Technical data

### Dimensions and weights

Depth	134 mm	Depth (inches)	5.276 inch
Height	155 mm	Height (inches)	6.102 inch
Width	229 mm	Width (inches)	9.016 inch
Net weight	9,120 g		

### Temperatures

Storage temperature	-15 °C...40 °C	Ambient temperature	0°...+40°C (Charging); -15°...+50°C (Discharging)
Operating temperature	0 °C...40 °C		

### Environmental Product Compliance

REACH SVHC Lead 7439-92-1

### Operating interfaces and control inputs

Temperature probe NTC 100 kΩ

### Input

Charging current, max.	1.8 A	Nominal capacity	12 Ah
Rated input voltage	24 V DC		

### Output

Buffer time 10A	51 min	Buffer time 20A	22.7 min
Buffer time 40A	9.2 min	Output current, max.	50 A
Overload and short circuit protection	2x25 A fuse	Parallel connection option	Yes
Protection against inverse voltage	Yes	Temperature probe	NTC 100 kΩ

### General data

Max. perm. air humidity (operational)	5 %...95 % RH	Operating temperature	0 °C...40 °C
Shock wall acc. to IEC 68227	30 g	Vibration DIN rail/wall in accordance with IEC 68-2-6	- / 0.7 g

### Insulation coordination

Protection class III, with no ground connection, for SELV

### Connection data (input)

Conductor cross-section, AWG/kcmil , max.	6	Conductor cross-section, AWG/kcmil , min.	22
Conductor cross-section, flexible , min.	0.5 mm <sup>2</sup>	Conductor cross-section, rigid , max.	16 mm <sup>2</sup>
Conductor cross-section, rigid , min.	0.2 mm <sup>2</sup>	Wire connection cross section, flexible (input), max.	16 mm <sup>2</sup>

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## Technical data

## Connection data (output)

Conductor cross-section, AWG/kcmil , max.	6	Conductor cross-section, AWG/kcmil , min.	22
Conductor cross-section, flexible , max.	16 mm <sup>2</sup>	Conductor cross-section, flexible , min.	0.5 mm <sup>2</sup>
Conductor cross-section, rigid , max.	16 mm <sup>2</sup>	Conductor cross-section, rigid , min.	0.2 mm <sup>2</sup>
Number of terminals	2 (+ / -)		

## Connection data (signal)

Number of terminals	2	Wire connection method	Pluggable screw connection
Wire cross-section, AWG/kcmil , max.	16	Wire cross-section, AWG/kcmil , min.	28
Wire cross-section, solid , max.	1.5 mm <sup>2</sup>	Wire cross-section, solid , min.	0.2 mm <sup>2</sup>

## Approvals

Certificate No. (GERMLLOYD)	61934-14	Certificate no. (cULus)	E349959
Institute (GERMLLOYD)	GERMLLOYD	Institute (cULus)	CULUS

## Classifications

ETIM 6.0	EC002850	ETIM 7.0	EC002850
ETIM 8.0	EC002850	ECLASS 9.0	27-04-06-92
ECLASS 9.1	27-04-92-01	ECLASS 10.0	27-04-06-92
ECLASS 11.0	27-04-06-92		

## Approvals

Approvals



ROHS	Conform
UL File Number Search	E349959

## Downloads

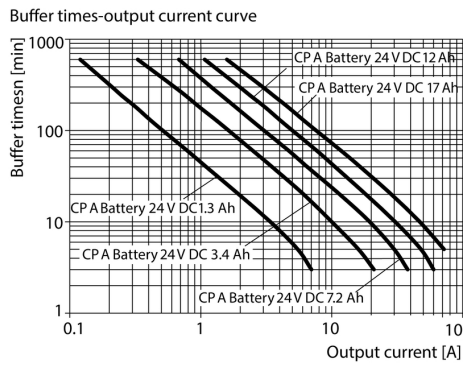
Approval/Certificate/Document of Conformity	<a href="#">Declaration of Conformity</a> <a href="#">Declaration of Conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">EPLAN_WSCAD</a>
User Documentation	<a href="#">Operating instructions</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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**Drawings**



Buffer Time