

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

General ordering data	
Version	Battery
Order No.	1251090000
Type	CP A BATTERY 24V DC12AH
GTIN (EAN)	4050118043129
Qty.	1 pc(s).

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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
Net weight	9,120 g	Width	229 mm
Width (inches)	9.016 inch		

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
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Operating interfaces and control inputs

Temperature probe	NTC 100 kΩ
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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
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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 ²	Conductor cross-section, rigid , max.	16 mm ²
Conductor cross-section, rigid , min.	0.2 mm ²	Wire connection cross section, flexible (input), max.	16 mm ²

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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 ²	Conductor cross-section, flexible , min.	0.5 mm ²
Conductor cross-section, rigid , max.	16 mm ²	Conductor cross-section, rigid , min.	0.2 mm ²
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 ²	Wire cross-section, solid , min.	0.2 mm ²

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
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

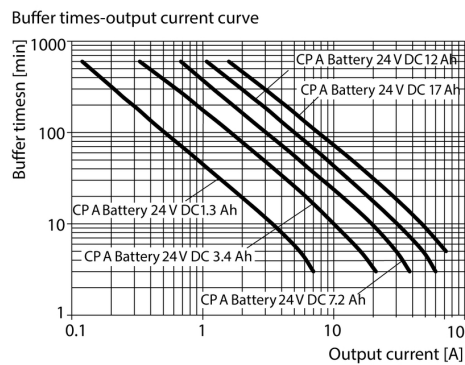
Approval/Certificate/Document of Conformity	Declaration of Conformity
Engineering Data	EPLAN, WSCAD
User Documentation	Operating instructions

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Drawings



Buffer Time