

ConnectPower
CP A BATTERY 24V DC3.4AH**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

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

Type	CP A BATTERY 24V DC3.4AH
Order No.	1251070000
Version	Battery
GTIN (EAN)	4050118043105
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Width	108 mm	Width (inches)	4.252 inch
Height	144 mm	Height (inches)	5.669 inch
Depth	137 mm	Depth (inches)	5.394 inch
Net weight	3,478 g		

Temperatures

Operating temperature, max.	40 °C	Operating temperature, min.	0 °C
Storage temperature, max.	40 °C	Storage temperature, min.	-15 °C
Operating temperature	0 °C...40 °C	Ambient temperature	0°...+40°C (Charging); -15°...+50°C (Discharging)
Storage temperature	-15 °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.	0.51 A	Nominal capacity	3.4 Ah
Rated input voltage	24 V DC		

Output

Buffer time 10A	11.3 min	Buffer time 20A	5 min
Output current, max.	25 A	Overload and short circuit protection	25 A fuse
Parallel connection option	Yes	Protection against inverse voltage	Yes
Temperature probe	NTC 100 kΩ		

General data

Battery type	Maintenance-free AGM lead-acid battery	Clip-in foot	metal
Latest commissioning	9 months	Max. perm. air humidity (operational)	5 %...95 % RH
Operating life	6...9 years at 20°C	Operating temperature	0 °C...40 °C
Protection degree	IP20	Series switching capability	No
Shock wall acc. to IEC 68227	30 g	Vibration DIN rail/wall in accordance with IEC 68-2-6	0.7 / 0.7 g

Insulation coordination

Protection class	III, with no ground connection, for SELV
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Technical data

Connection data (input)

Conductor cross-section, AWG/kcmil ,
max. 10

Conductor cross-section, flexible , min. 0.5 mm²

Conductor cross-section, rigid , min. 0.2 mm²

Tightening torque, min. 0.5 Nm

Conductor cross-section, AWG/kcmil ,
min. 22

Conductor cross-section, rigid , max. 6 mm²

Tightening torque, max. 0.6 Nm

Wire connection cross section, flexible
(input), max. 6 mm²

Connection data (output)

Conductor cross-section, AWG/kcmil ,
max. 10

Conductor cross-section, flexible , max. 6 mm²

Conductor cross-section, rigid , max. 6 mm²

Number of terminals 2 (+ / -)

Tightening torque, min. 0.5 Nm

Conductor cross-section, AWG/kcmil ,
min. 22

Conductor cross-section, flexible , min. 0.5 mm²

Conductor cross-section, rigid , min. 0.2 mm²

Tightening torque, max. 0.6 Nm

Connection data (signal)

Number of terminals

2

Wire connection cross-section, flexible
(signal), min. 0.2 mm²

Wire cross-section, AWG/kcmil , max. 16

Wire cross-section, solid , max. 1.5 mm²

Wire connection cross-section, flexible
(signal), max. 1.5 mm²

Wire connection method Pluggable screw
connection

Wire cross-section, AWG/kcmil , min. 28

Wire cross-section, solid , min. 0.2 mm²

Approvals

Institute (GERMLLOYD)



Certificate No. (GERMLLOYD)

61934-14

Institute (cULus)



Certificate no. (cULus)

E354601

Classifications

ETIM 6.0

EC002850

eClass 9.0

27-04-06-92

eClass 10.0

27-04-06-92

ETIM 7.0

EC002850

eClass 9.1

27-04-92-01

Approvals

Approvals



ROHS

Conform

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Technical data

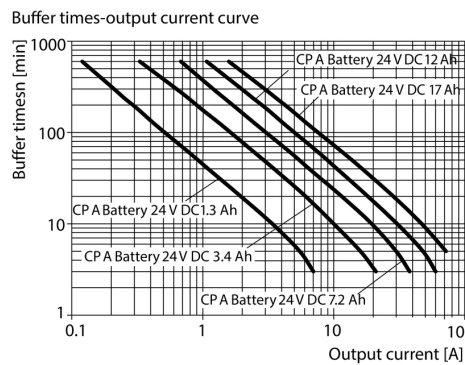
Downloads

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

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Drawings



Buffer Time