

ConnectPower
CP A BATTERY 24V DC1.3AH**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 16
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 DC1.3AH
Order No.	1406930000
Version	Battery
GTIN (EAN)	4050118221978
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Width	52 mm	Width (inches)	2.047 inch
Height	148 mm	Height (inches)	5.827 inch
Depth	124 mm	Depth (inches)	4.882 inch
Net weight	1,650 Kg		

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		

Operating interfaces and control inputs

Temperature probe	NTC 100 kΩ
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Input

Charging current, max.	0.2 A	Nominal capacity	1.3 Ah
Rated input voltage	24 V DC		

output

Buffer time 10A	3 min	Output current, max.	15 A
Overload and short circuit protection	15 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 @ 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

Class of protection	III, with no ground connection, for SELV
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Connection data (input)

Conductor cross-section, AWG/kcmil , max.	12	Conductor cross-section, AWG/kcmil , min.	30
Conductor cross-section, flexible , min.	0.2 mm ²	Conductor cross-section, rigid , max.	4 mm ²
Conductor cross-section, rigid , min.	0.2 mm ²	Tightening torque, max.	0.5 Nm
Tightening torque, min.	0.5 Nm	Wire connection cross section, flexible (input), max.	4 mm ²

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Technical data

Connection data (output)

Conductor cross-section, AWG/kcmil , max.	12	Conductor cross-section, AWG/kcmil , min.	30
Conductor cross-section, flexible , max.	4 mm ²	Conductor cross-section, flexible , min.	0.2 mm ²
Conductor cross-section, rigid , max.	4 mm ²	Conductor cross-section, rigid , min.	0.2 mm ²
Number of terminals	2 (+ / -)	Tightening torque, max.	0.5 Nm
Tightening torque, min.	0.5 Nm		

Connection data (signal)

Number of terminals	2	Wire connection cross-section, flexible (signal), max.	4 mm ²
Wire connection cross-section, flexible (signal), min.	0.2 mm ²	Wire connection method	Pluggable screw connection
Wire cross-section, AWG/kcmil , max.	12	Wire cross-section, AWG/kcmil , min.	30
Wire cross-section, solid , max.	4 mm ²	Wire cross-section, solid , min.	0.2 mm ²

Approvals

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

Classifications

ETIM 6.0	EC002850	eClass 6.2	27-04-06-03
eClass 7.1	27-04-06-03	eClass 8.1	27-04-06-03
eClass 9.0	27-04-06-03	eClass 9.1	27-04-92-01

Approvals

Approvals			
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Downloads

Brochure/Catalogue	CAT 4.3 ELECTR 15/16 EN
Engineering Data	EPLAN, WSCAD
User Documentation	Operating instructions