

CP A BATTERY 24V DC12AH

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com



The 5 battery modules with capacities from 1,2 Ah to 17Ah can supply up to 40 A for 30 minutes or 1 A for 30 hours and are fully compatible with the DC UPS control units CP DC UPS 24V 20A/10A & CP DC UPS 24V 40A. And for sure, the DURAEco series is a flexible & ease of use solution in a cost-effective design.

General ordering data

| | |
|---------------------|---|
| Version | Battery |
| Order No. | 1251090000 |
| Type | CP A BATTERY 24V DC12AH |
| GTIN (EAN) | 4050118043129 |
| Qty. | 1 items |
| Delivery status | This article will no longer be available in the future. |
| Available until | 2021-07-31T00:00:00+02:00 |
| Alternative product | DURA ECO LA-BAT 24V 12AH |

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E349959

Dimensions and weights

| | | | |
|------------|--------|-----------------|-------------|
| Depth | 134 mm | Depth (inches) | 5.2756 inch |
| Height | 155 mm | Height (inches) | 6.1024 inch |
| Width | 229 mm | Width (inches) | 9.0157 inch |
| Net weight | 9120 g | | |

Temperatures

| | | | |
|---------------------|----------------|-----------------------|-----------|
| Storage temperature | -15 °C...40 °C | Operating temperature | 0 °C...40 |
|---------------------|----------------|-----------------------|-----------|

Environmental Product Compliance

| | |
|------------------------|--------------------------------------|
| RoHS Compliance Status | Compliant |
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 30bf869c-8adc-4ed2-ad02-c1fec963e943 |

Operating interfaces and control inputs

| | |
|-------------------|------------|
| Temperature probe | NTC 100 kΩ |
|-------------------|------------|

Input

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

Output

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

General data

| | | | |
|---|-----------|---------------------------------------|---------------|
| Protection degree | IP20 | Max. perm. air humidity (operational) | 5 %...95 % RH |
| Vibration DIN rail/wall in accordance with IEC 68-2-6 | - / 0.7 g | Shock wall acc. to IEC 68227 | 30 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 |
| Wire connection cross section, flexible (input), 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 |
| Tightening torque, min. | 1.2 Nm | Tightening torque, max. | 1.5 Nm |

Connection data (output)

| | | | |
|---|---------------------|---|--------------------|
| Number of terminals | 2 (+ / -) | 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 | Tightening torque, min. | 1.2 Nm |
| Tightening torque, max. | 1.5 Nm | | |

Connection data (signal)

| | | | |
|--|---------------------|--|----------------------------|
| Wire connection cross-section, flexible (signal), max. | 1.5 mm ² | Wire connection method | Pluggable screw connection |
| Wire cross-section, AWG/kcmil , max. | 16 | Wire cross-section, solid , min. | 0.2 mm ² |
| Wire cross-section, solid , max. | 1.5 mm ² | Wire connection cross-section, flexible (signal), min. | 0.2 mm ² |
| Number of terminals | 2 | Wire cross-section, AWG/kcmil , min. | 28 |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC002850 | ETIM 9.0 | EC002850 |
| ETIM 10.0 | EC002850 | ECLASS 14.0 | 27-04-06-92 |
| ECLASS 15.0 | 27-04-06-92 | | |

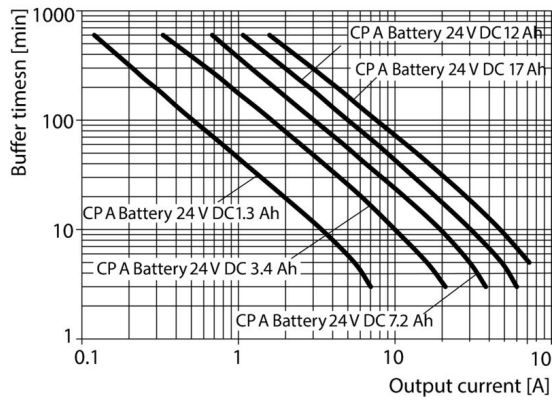
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Drawings

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Buffer times-output current curve



Buffer Time

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Accessories

End bracket



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | WEW 35/1 V0 GF SW | Version |
| Order No. | 1478990000 | End bracket, black, TS 35, V-0, Wemid, Width: 12 mm, 130 °C |
| GTIN (EAN) | 4050118286892 | |
| Qty. | 50 ST | |

| | | |
|------------|----------------------------|--|
| Type | WEW 35/2 V0 GF SW | Version |
| Order No. | 1479000000 | End bracket, black, TS 35, V-0, Wemid, Width: 8 mm, 130 °C |
| GTIN (EAN) | 4050118286779 | |
| Qty. | 50 ST | |

Slotted screwdriver



VDE insulated screwdriver sets, for working on live parts up to 1000 V AC and 1500 V DC, DIN EN 60900. IEC 900. Each piece is "GS" safety tested. Blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, gun-metal finish.

General ordering data

| | | |
|------------|----------------------------|----------------------------|
| Type | SDIS SL 0.6X3.5X100 | Version |
| Order No. | 1274660000 | Screwdriver, Mounting tool |
| GTIN (EAN) | 4050118072631 | |
| Qty. | 1 ST | |

| | | |
|------------|----------------------------|----------------------------|
| Type | SDIS SL 1.0X5.5X125 | Version |
| Order No. | 1274680000 | Screwdriver, Mounting tool |
| GTIN (EAN) | 4050118073263 | |
| Qty. | 1 ST | |