Data sheet

# CP A BATTERY 24V DC3.4AH

**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. | 1251070000 |
| Type | CP A BATTERY 24V DC3.4AH |
| GTIN (EAN) | 4050118043105 |
| 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 3.4AH |

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# Technical data

### Approvals

| | |
|---|---|
| Approvals | |
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate no. (cULus) | E349959 |

### Dimensions and weights

| | | | |
|---|---|---|---|
| Depth | 137 mm | Depth (inches) | 5.3937 inch |
| Height | 144 mm | Height (inches) | 5.6693 inch |
| Width | 108 mm | Width (inches) | 4.252 inch |
| Net weight | 3478 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 | 3.4 |
| Charging current, max. | 0.51 A | | |

### Output

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

### 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 / 0.7 g | Clip-in foot | metal |
| Shock wall acc. to IEC 68227 | 30 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, AWG/kcmil , min. | 22 |
| Wire connection cross section, flexible (input), max. | 6 mm² | Conductor cross-section, flexible , min. | 0.5 mm² |
| Conductor cross-section, rigid , max. | 6 mm² | Conductor cross-section, rigid , min. | 0.2 mm² |
| Tightening torque, min. | 0.5 Nm | Tightening torque, max. | 0.6 Nm |

### Connection data (output)

| | | | |
|---|---|---|---|
| Number of terminals | 2 (+ / -) | Conductor cross-section, AWG/kcmil , max. | 10 |
| Conductor cross-section, AWG/kcmil , min. | 22 | Conductor cross-section, flexible , max. | 6 mm² |
| Conductor cross-section, flexible , min. | 0.5 mm² | Conductor cross-section, rigid , max. | 6 mm² |
| Conductor cross-section, rigid , min. | 0.2 mm² | Tightening torque, min. | 0.5 Nm |
| Tightening torque, max. | 0.6 Nm | | |

### Connection data (signal)

| | | | |
|---|---|---|---|
| Wire connection cross-section, flexible (signal), max. | 1.5 mm² | Wire connection method | Pluggable screw connection |
| Wire cross-section, AWG/kcmil , max. | 16 | Wire cross-section, solid , min. | 0.2 mm² |
| Wire cross-section, solid , max. | 1.5 mm² | Wire connection cross-section, flexible (signal), min. | 0.2 mm² |
| 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 | | |

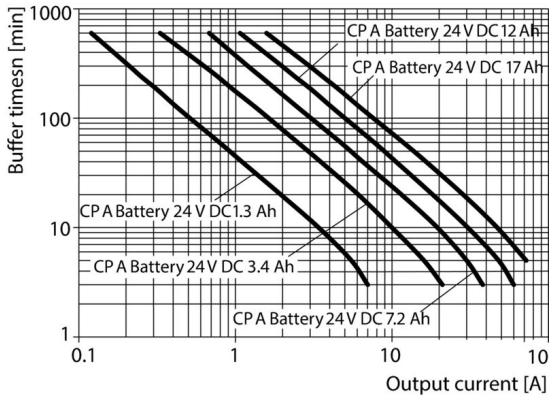
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## Drawings

Buffer times-output current curve




Buffer Time

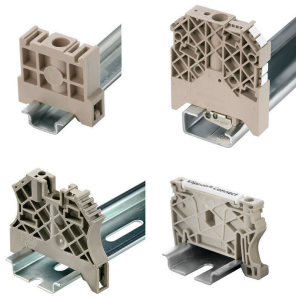
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## Accessories

### 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 | |

### Installation



Mounting accessory for Weidmüller Power Supplys.

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## Accessories

### General ordering data

| | | |
|---|---|---|
| Type | MTA 45 MF | Version |
| Order No. | 1251310000 | Electronics housings, Mounting flange |
| GTIN (EAN) | 4050118042719 | |
| Qty. | 1 ST | |