

DURA ECO LA-BAT 24V 12AH

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. | 2789920000 |
| Type | DURA ECO LA-BAT 24V 12AH |
| GTIN (EAN) | 4064675068679 |
| Qty. | 1 Stück |

Erstellungs-Datum September 12, 2024 4:30:15 PM CEST

Katalogstand 31.08.2024 / Technische Änderungen vorbehalten

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Technische Daten

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Depth | 135 mm | Depth (inches) | 5.315 inch |
| Height | 158 mm | Height (inches) | 6.22 inch |
| Width | 229 mm | Width (inches) | 9.016 inch |
| Net weight | 9,700 g | | |

Temperatures

| | | | |
|---------------------|----------------|----------|-------------|
| Storage temperature | -15 °C...50 °C | Humidity | 5...95 % RH |
|---------------------|----------------|----------|-------------|

Operating interfaces and control inputs

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

Input

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

Output

| | | |
|---------------------------------------|-------------|--------|
| Buffer time depending on current | Buffer time | 5 min |
| | Current | 46 A |
| | Buffer time | 10 min |
| | Current | 30 A |
| | Buffer time | 60 min |
| | Current | 8.1 A |
| Output current, max. | 50 A | |
| Overload and short circuit protection | 2x25 A fuse | |
| Parallel connection option | Yes | |
| Temperature probe | NTC 100 kΩ | |

General data

| | | | |
|------------------------------|-----------------|---|-------------|
| Ambient temperature | -15 °C...+50 °C | Humidity | 5...95 % RH |
| Life expectancy | 5.65 a | Protection degree | IP20 |
| 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 |
|------------------|--|

Connection data (input)

| | | | |
|---|---------------------|---|--------------------|
| Conductor cross-section, AWG/kcmil , max. | 6 AWG | Conductor cross-section, AWG/kcmil , min. | 24 AWG |
| Conductor cross-section, flexible , min. | 0.5 mm ² | Conductor cross-section, rigid , max. | 16 mm ² |
| Conductor cross-section, rigid , min. | 0.5 mm ² | Number of terminals | 2 (+,-) |
| Tightening torque, max. | 2.4 Nm | Tightening torque, min. | 1.2 Nm |
| Wire connection cross section, flexible (input), max. | 10 mm ² | | |

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Connection data (signal)

| | | | |
|--|---------------------|--|----------------------------|
| Number of terminals | 2 | Wire connection cross-section, flexible (signal), max. | 1.5 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. | 16 | Wire cross-section, AWG/kcmil, min. | 24 mm ² |
| Wire cross-section, solid, max. | 1.5 mm ² | Wire cross-section, solid, min. | 0.2 mm ² |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC002850 | ETIM 7.0 | EC002850 |
| ETIM 8.0 | EC002850 | ETIM 9.0 | 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 |
| ECLASS 12.0 | 27-04-06-92 | ECLASS 13.0 | 27-04-06-92 |
| ECLASS 14.0 | 27-04-06-92 | | |

Environmental Product Compliance

| | |
|--------------------------------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 30bf869c-8adc-4ed2-ad02-c1fec963e943 |
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c |

Approvals

Approvals



| | |
|-------------------------|------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate no. (cULus) | E258476 |

Downloads

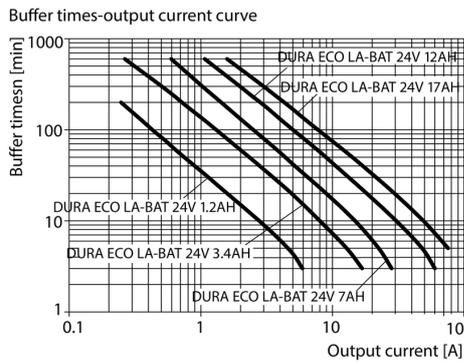
| | |
|---|--|
| Approval/Certificate/Document of Conformity | DNV Certificate.pdf UL 61010-1 Certificate.pdf DURA ECO LA BAT ABS Cert.pdf BV Certificate Declaration of Conformity |
| Engineering Data | CAD data – STEP |
| User Documentation | Instruction sheets Safety Data Sheet |
| Catalogues | Catalogues in PDF-format |

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Zeichnungen

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Buffer Time